Size Distribution and Chemical Composition of Particulate Matter in Bedford Basin, 1973 and 1974

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Fisheries and Marine Service

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ABSTRACT

Taguchi, S. and T. Platt. 1978. Size distribution and chemical composition of particulate matter in Bedford Basin, 1973 and 1974. Fish. Mar. Serv. Data Rep. 56.. 370 p.

Most of the particulate matter in Bedford Basin (>10 ppm by volume) fell into two size categories: Group A (2.0-16.0 μm) and Group C (50.8-128 μm) during the spring and early summer. Fewer particles were found in the surface water during summer and fall than during the spring bloom (>5 ppm by volume). In summer and early fall, intermediate size-particles, i.e., Group B (20.0-40.3 μm) became abundant. Lowest particle concentrations were observed in winter except for an extraordinarily high concentration in January.

Both particulate carbon and nitrogen showed maximum concentrations just after the peak of the spring bloom and after a *Ceratium* bloom in November. During summer, they were relatively constant in the surface layer. The highest concentration of ATP was observed in mid-summer below the thermocline. Relatively high abundance of microzooplankton was observed in the surface layer from May to September. Faecal pellets were most abundant just after the spring bloom and in late summer and fall.

RÉSUMÉ

Taguchi, S. and T. Platt. 1978. Size distribution and chemical composition of particulate matter in Bedford Basin, 1973 and 1974. Fish. Mar. Serv. Data Rep. 56. 370 p.

Au printemps et au début de l'été, presque toute la matière particulaire dans le bassin de Bedford (>10 ppm par volume) est comprise dans deux catégories de taille: Groupe A (2-16 μm) et Groupe C (50.8-128 μm). Moins de particules ont été observées dans les eaux de surface durant l'été et l'automne que durant le "bloom" de printemps (>5 ppm par volume). En été et au début de l'automne, des tailles intermédiaires de particules, i.e., Groupe B (20-40.3 μm) deviennent abondantes. A l'exception d'une concentration extraordinairement élevée en janvier, les concentrations de particules les plus basses furent observées en hiver.

L'azote et le carbone particulaire exhibent tous deux des concentrations maximales juste un peu après le pic du "bloom" de printemps et après un "bloom" de *Ceratium* en novembre. Durant l'été, ils sont relativement constants dans la couche de surface. La concentration la plus élevée en ATP a été observée au milieu de l'été sous la thermocline. Le microzooplancton était relativement abondant dans la couche de surface de mai à septembre. La plus grande abondance de matière fécales avait lieu juste après le "bloom" de printemps et tard à l'été et à l'automne.

INTRODUCTION

To study the production of particulate matter (here defined to be smaller than 153 μm in diameter) in the coastal environment, we should know (1) the total particulate carbon and/or nitrogen, (2) ATP content, (3) the total volume of particles, (4) the size distribution of particles, (5) the volume of phytoplankton, (6) the volume of microzooplankton, and (7) the volume of faecal pellets. We observed all of these in Bedford Basin from October 1973 to December 1974: this is the same period as that for which we measured phytoplankton production and inorganic nutrients (Taguchi, Platt and Hodgson, 1975).

MATERIALS AND METHODS

SAMPLING

All samples were collected from station 1 (Fig. 1), 44°42.3'N, 63°39.2'W, where the water is 70 m deep. Routine samples were taken from 0, 2.5, 5, 10, 15, 20, 30, 40 and 60 m. Samples were collected by either Van Dorn bottles or Niskin bottles, and then prefiltered by nytex (mesh size 153 μm) to exclude large particles.

PARTICLE SIZE

Prefiltered samples were kept cool in 1 ℓ bottles for about 6 hours until measurements could be made. Number and volume of particles were measured by Coulter Counter Model T using 100 μm and 400 μm tubes (Sheldon and Parsons, 1967; Sheldon, 1973). We made relatively arbitrary assumptions about group size distribution of particles; size range of Group A is 2.0-16.0 μm in diameter, size range of Group B is 20.0-40.3 μm in diameter, size range of Group C is 50.8-128 μm in diameter and size range of Group D is 161-203 μm in diameter. We calculated the accumulated percentage of number or volume of particles for each size category in the total number or the volume of particles, and the percentage of number or volume of particles for each size in each group.

PARTICULATE CARBON AND NITROGEN

1 ℓ of prefiltered water was filtered on a silver filter (0.8 μm pore size) prebaked at 450°C for 30 minutes. The filters were kept in the dark at -20°C until analysis. Particulate carbon and nitrogen were measured with a CHN analyzer model F & M 185.

ATP

50 ml of prefiltered water were filtered on a GF/C glass fibre filter. The filter was immediately boiled in tris-buffer solution for 5 minutes, then frozen. ATP content was measured by the method of Holm-Hansen and Booth (1966).

VOLUME OF PHYTOPLANKTON, MICROZOOPLANKTON AND FAECAL PELLETS

Samples were preserved by Lugol's solution. The size of phytoplankton, microzooplankton and faecal pellets were measured on an inverted microscope with an ocular micrometer. Their volumes were calculated by means of formulae for a geometrical solid similar in shape to the phytoplankton cell (Taguchi and Platt, 1978) and microzooplankton and faecal pellets (Taguchi, 1975).

ACKNOWLEDGEMENTS

We thank M. Hodgson, B. Irwin, P. Dickie, D. Rudderham and A. Orr for their excellent technical help. We would also like to thank N. Prouse for his assistance with the Coulter Counter. We are indebted to Dr. W. Sutcliffe for the use of his ATP photometer and discussion of the methodology of ATP analysis.

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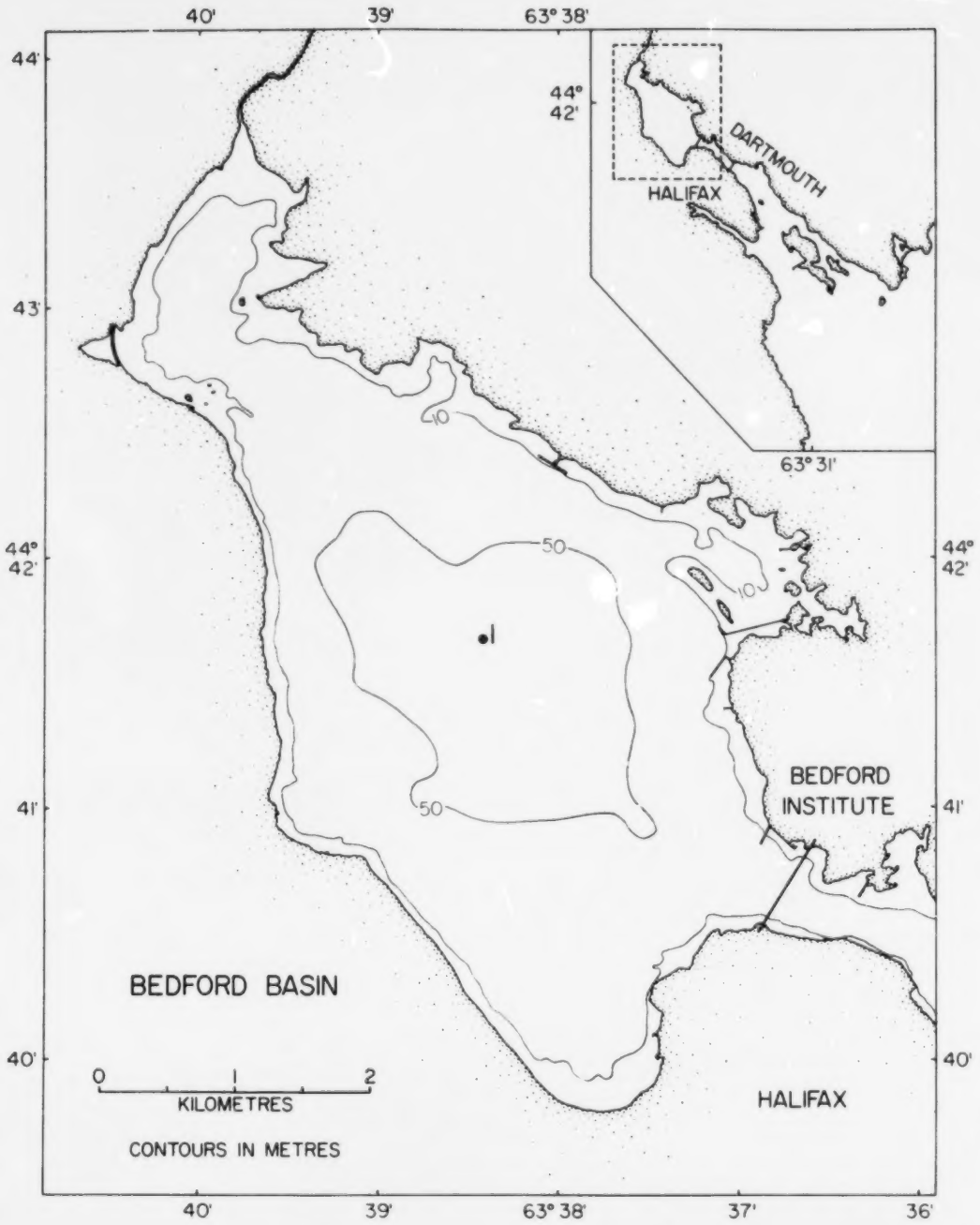

Fig. 1. Showing sampling station in Bedford Basin.

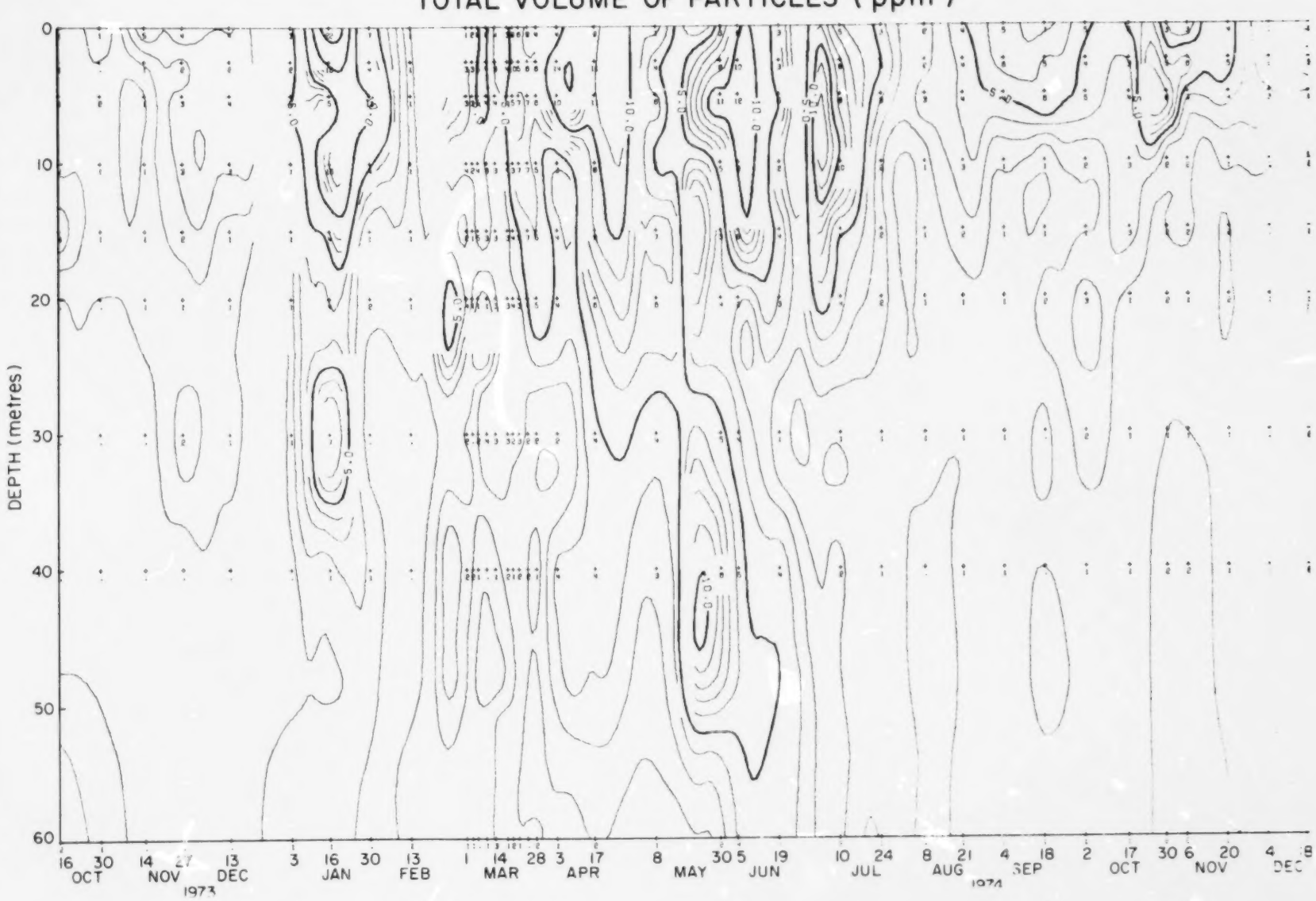

Fig. 2. Seasonal variation of the total volume of the particles (ppm).

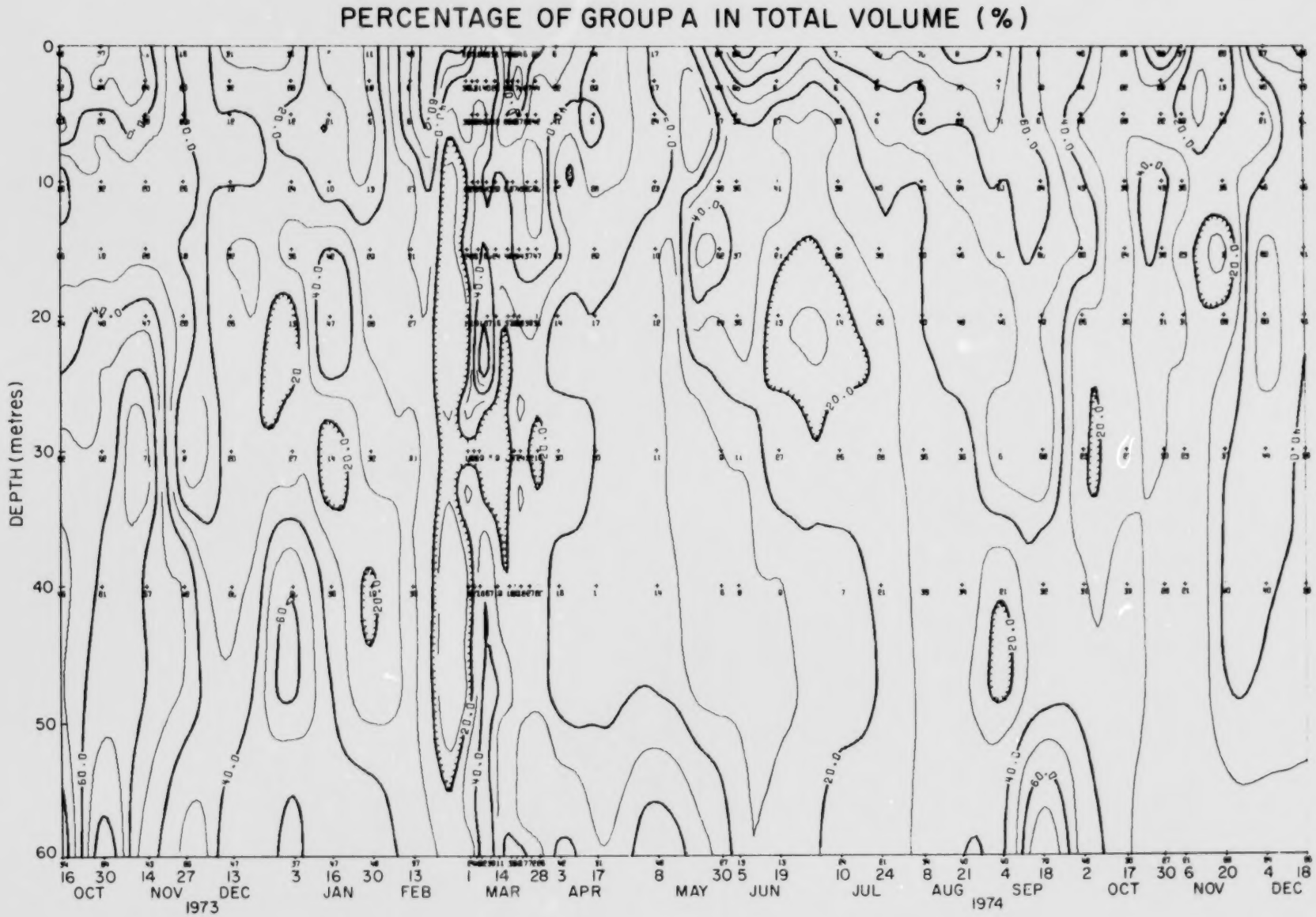

Fig. 3. Seasonal variation of the percentage of Group A in the total volume of the particles.

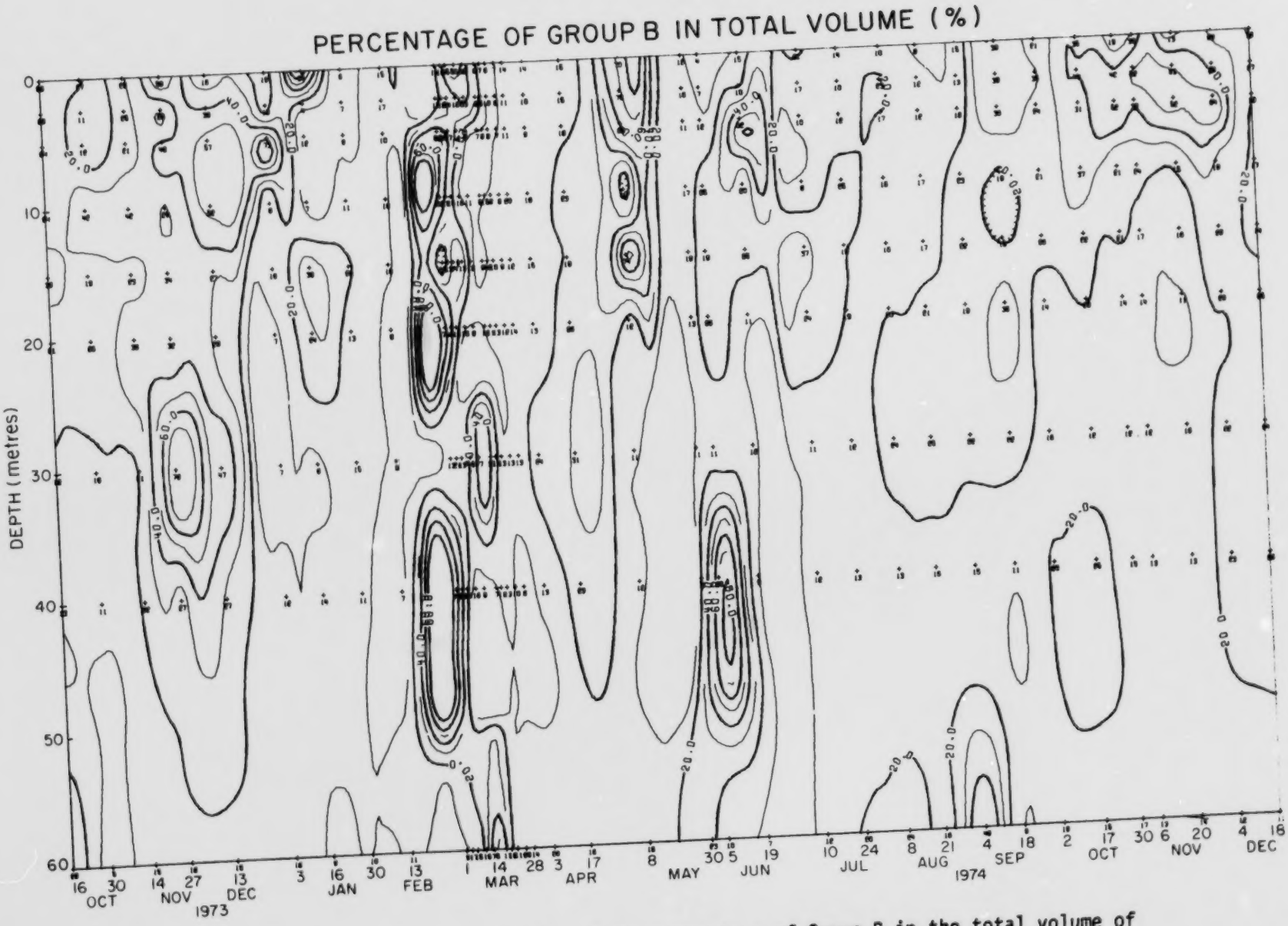

Fig. 4. Seasonal variation of the percentage of Group B in the total volume of particles.

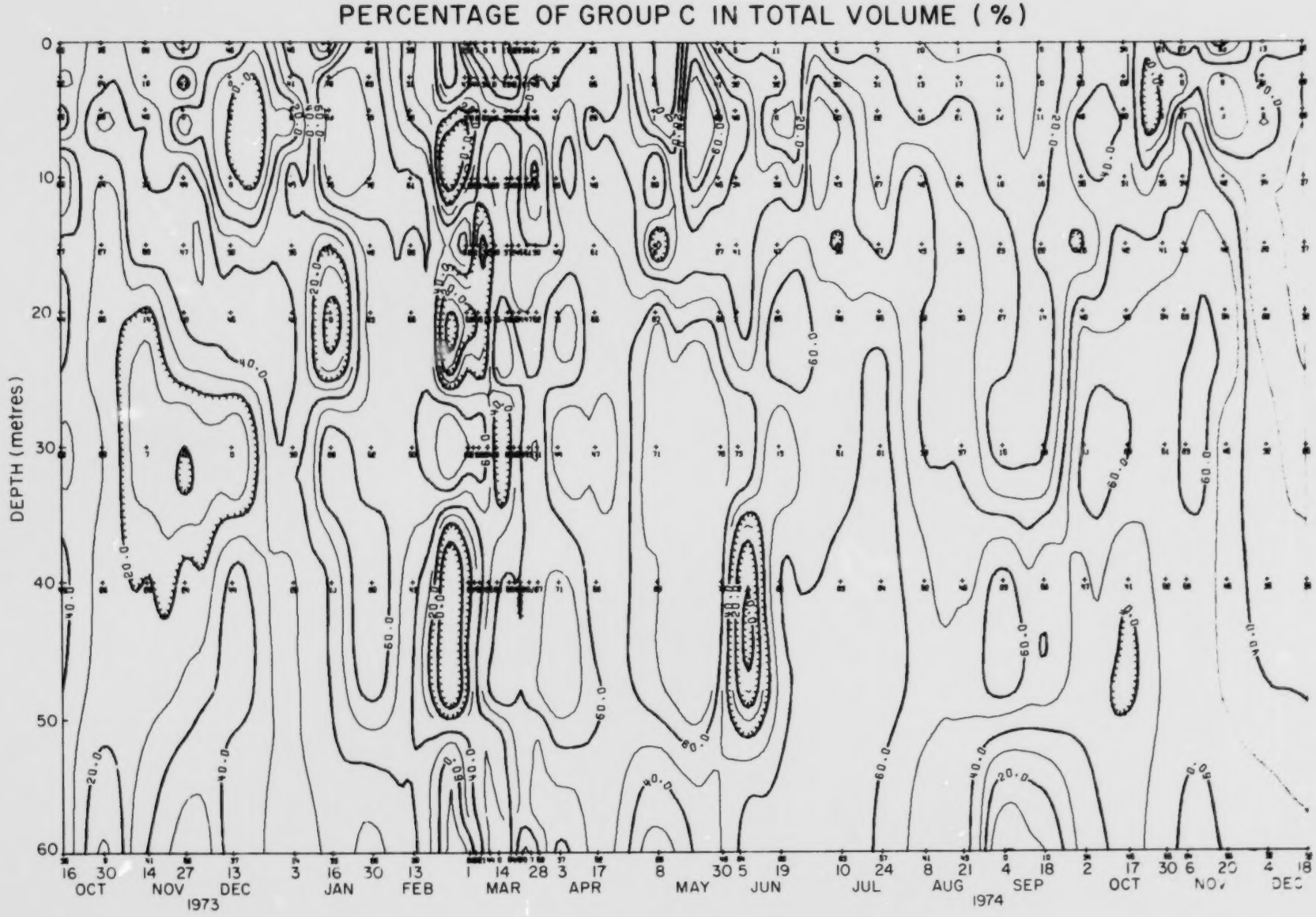

Fig. 5. Seasonal variation of the percentage of Group C in the total volume of particles.

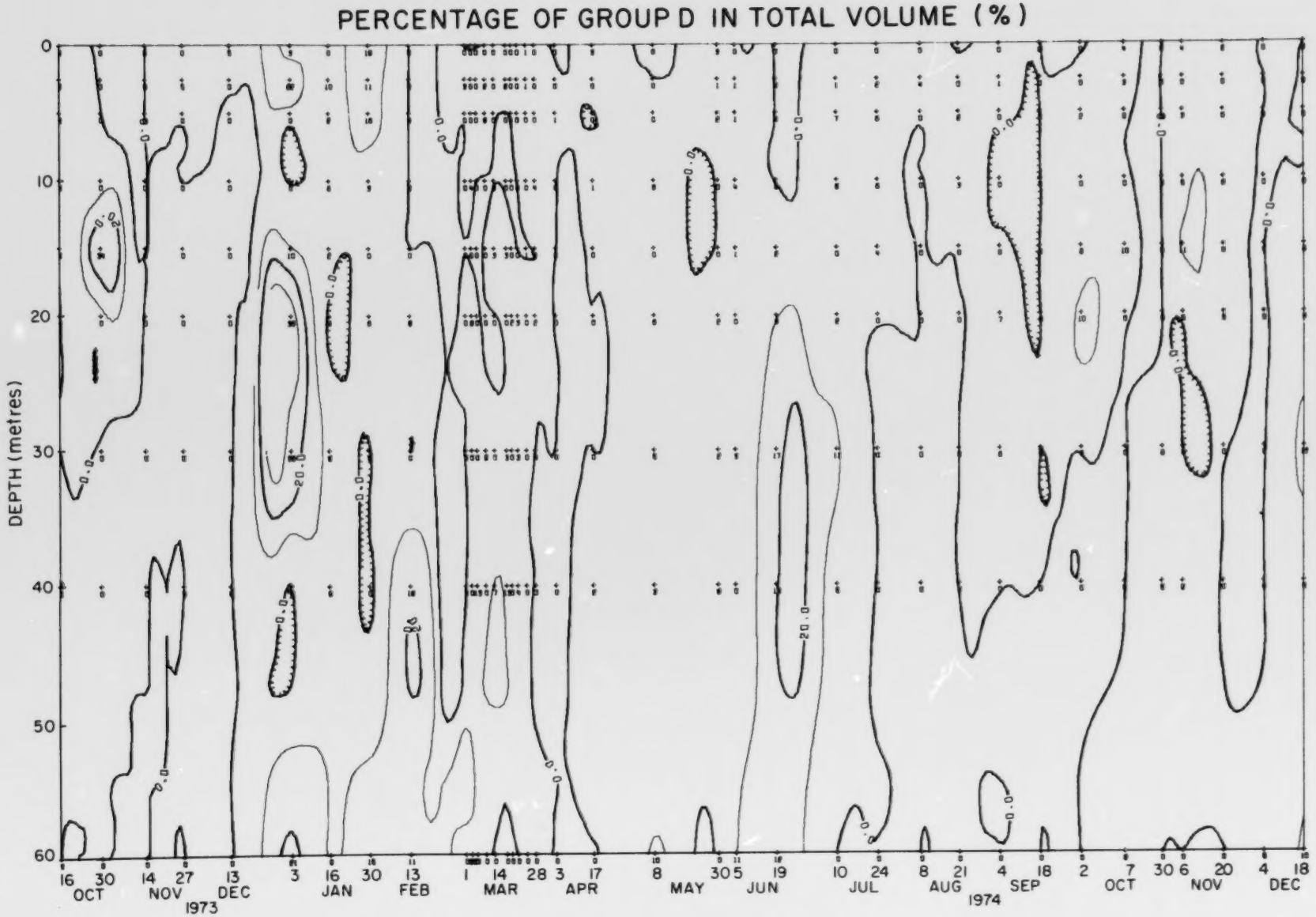

Fig. 6. Seasonal variation of the percentage of Group D in the total volume of particles.

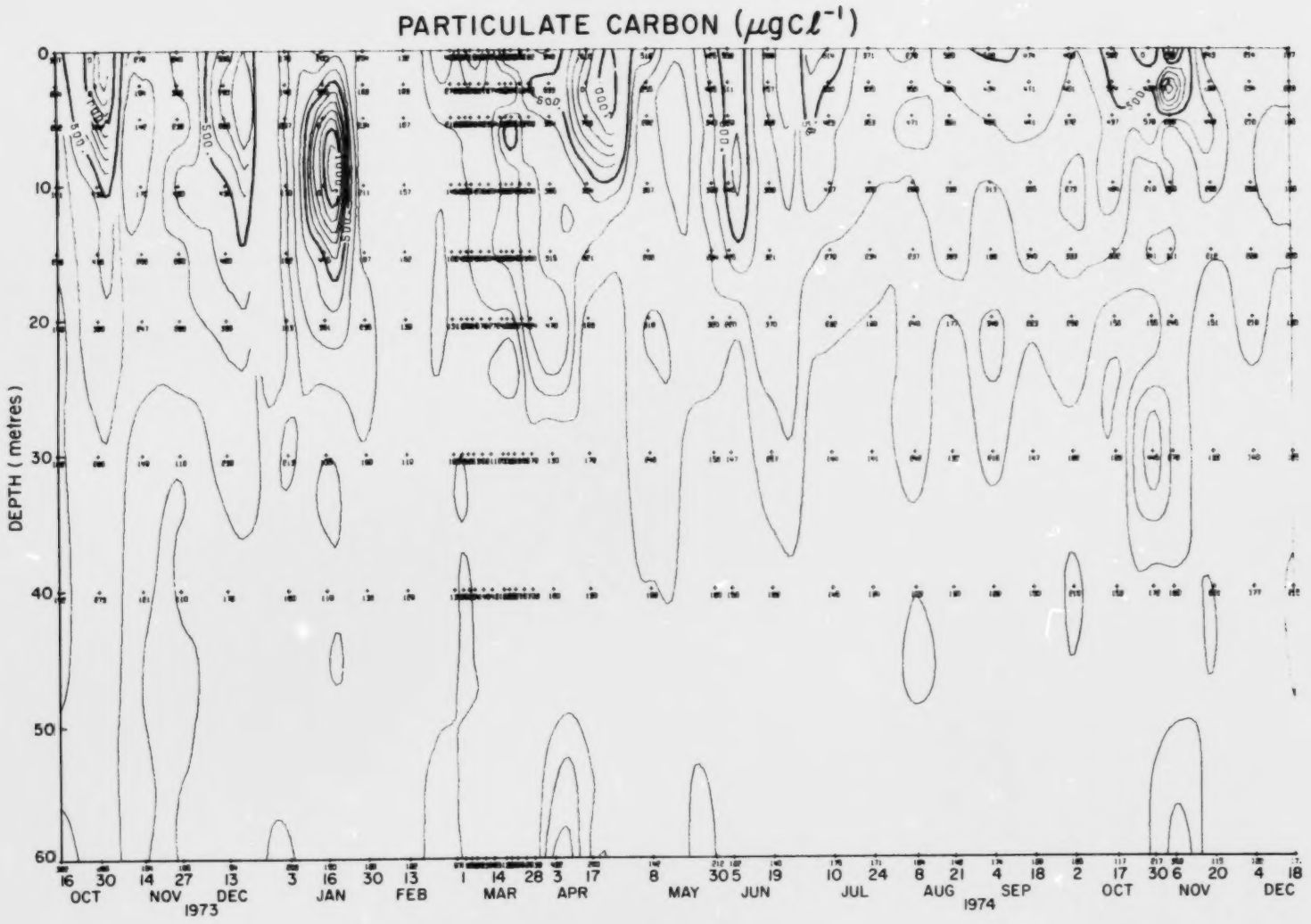

Fig. 7. Seasonal variation of the particulate carbon (μg C ℓ^{-1}).

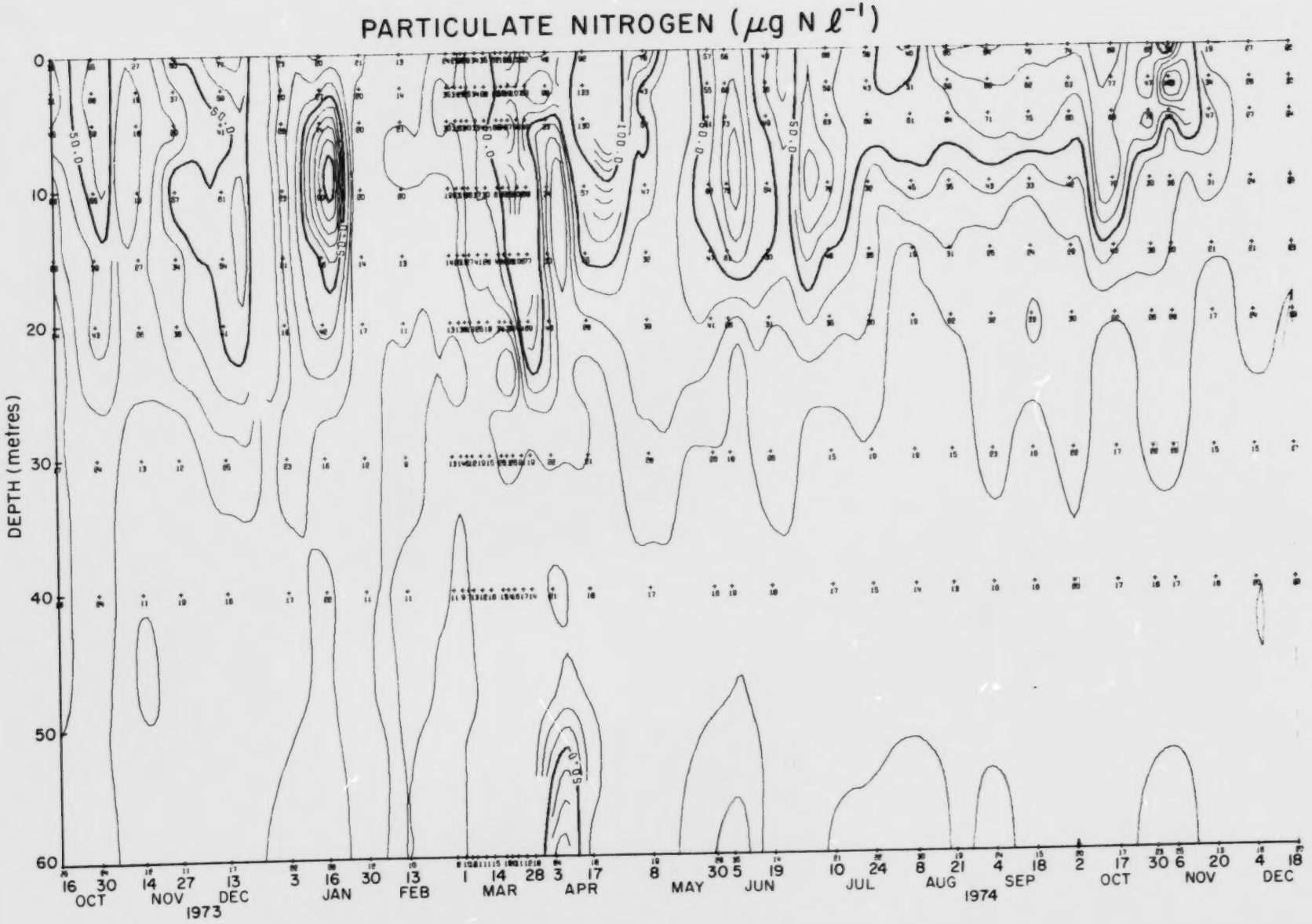

Fig. 8. Seasonal variation of particulate nitrogen (μg N ℓ^{-1}).

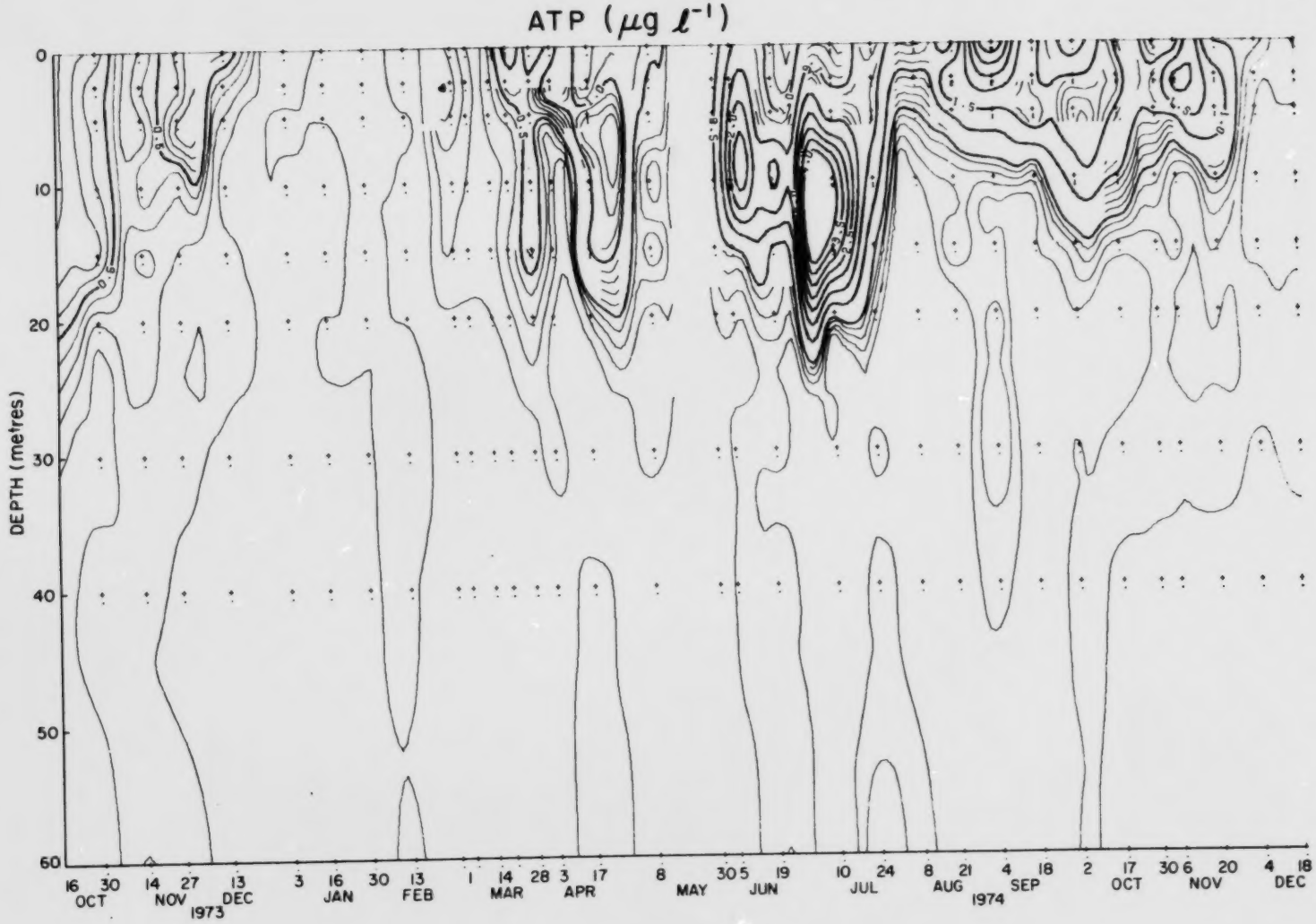

Fig. 9. Seasonal variation of ATP content (μg ATP ℓ^{-1}).

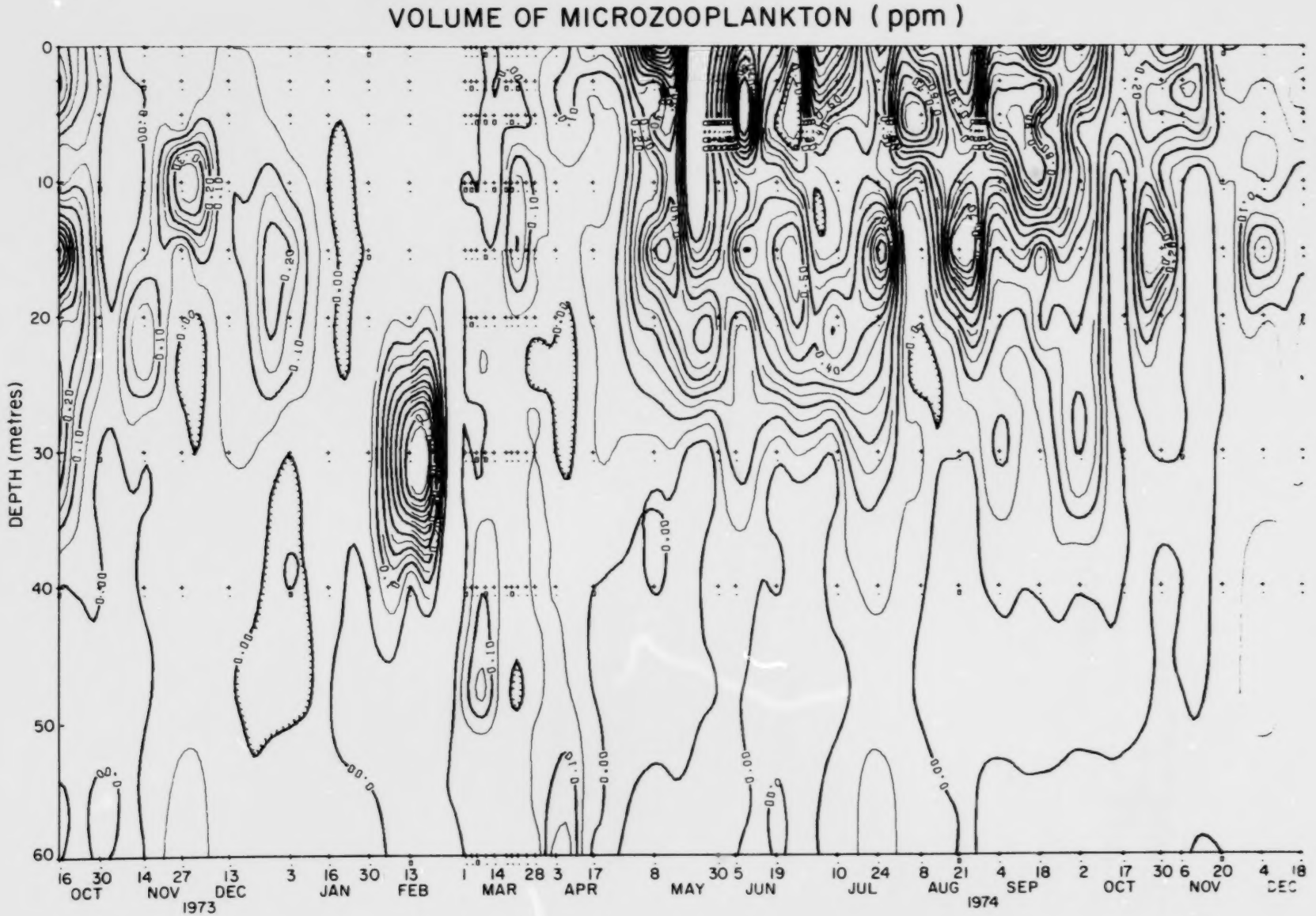

Fig. 10. Seasonal variation of the volume of microzooplankton (ppm).

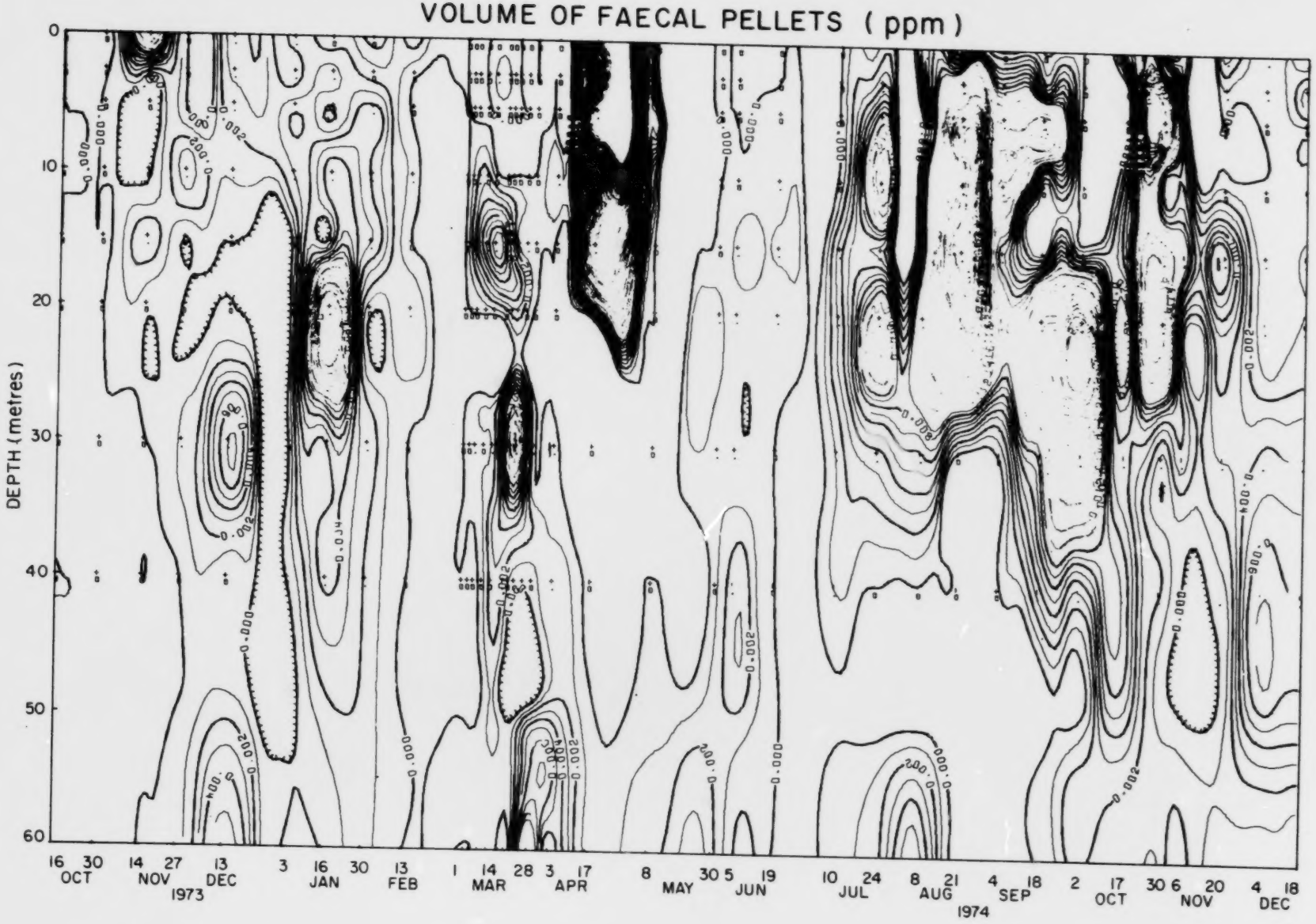

Fig. 11. Seasonal variation of the volume of faecal pellets (ppm).

DATE: 16/10/73 DEPTH: 0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10008208.955	41.12	41.12	.041	2.30	2.30
2.52	8.35	4434328.358	59.34	59.34	.037	4.34	4.34
3.17	16.77	3421641.791	73.40	73.40	.057	7.49	7.49
4.00	33.38	2521641.791	83.76	83.76	.084	12.14	12.14
5.04	66.76	2037313.432	92.14	92.14	.136	19.64	19.64
6.35	132.90	1111194.029	96.70	96.70	.148	27.83	27.83
8.00	267.01	467910.447	98.63	98.63	.125	34.73	34.73
10.08	537.30	175373.134	99.35	99.35	.094	39.90	39.90
12.70	1068.23	65671.641	99.62	99.62	.070	43.78	43.78
16.00	2136.06	41044.776	99.78	99.78	.038	48.62	48.62
20.20	4298.42	22388.059	99.88	.09	.096	53.90	5.28
25.40	8545.85	13197.674	99.93	.14	.113	60.11	11.49
32.00	17088.51	7616.279	99.96	.17	.131	67.32	18.70
40.30	34132.61	4941.860	99.98	.19	.170	76.67	28.05
50.80	68366.83	2093.023	99.99	.00	.144	84.59	7.92
64.00	136703.10	523.255	99.99	.01	.072	88.55	11.88
80.60	273060.85	290.697	99.99	.01	.030	92.95	16.28
101.60	553419.97	.000	99.99	.01	.000	92.95	16.28
128.00	1093664.77	116.279	100.00	.01	.128	99.99	23.32
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		24335495.486			1.817		

16/10/73 0 m

CARBON	337	mg m^{-3}
NITROGEN	39.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	1.85×10^{-1}
DINOFLAGELLATES	1.83×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.68×10^{-1}
MICROZOOPLANKTON	2.43×10^{-1}
FAECAL PELLETS	0.0

DATE: 16/10/73 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	5029850.746	42.10	42.10	.021	1.48	1.48
2.52	8.35	2420895.522	62.36	62.36	.020	2.92	2.92
3.17	16.77	1515671.641	75.05	75.05	.025	4.71	4.71
4.00	33.38	1250000.000	85.51	85.51	.041	7.67	7.67
5.04	66.76	752238.805	91.81	91.81	.050	11.24	11.24
6.35	132.90	511940.298	96.10	96.10	.068	16.11	16.11
8.00	267.01	282835.820	98.46	98.46	.075	21.48	21.48
10.08	537.30	84328.358	99.17	99.17	.045	24.68	24.68
12.70	1068.23	38805.970	99.49	99.49	.041	27.63	27.63
16.09	2136.06	29850.746	99.74	99.74	.064	32.17	32.17
20.20	4298.42	6716.417	99.80	.05	.028	34.21	2.04
25.40	8545.85	10406.976	99.89	.14	.089	40.52	8.35
32.00	17088.51	6569.767	99.94	.19	.113	48.53	16.36
40.30	34132.61	4127.906	99.98	.23	.142	58.60	26.42
50.80	68366.83	930.232	99.98	.00	.064	63.13	4.53
64.00	136708.10	523.255	99.99	.01	.072	68.24	9.64
80.60	273060.85	232.558	99.99	.01	.064	72.77	14.17
101.60	553419.97	348.837	99.99	.01	.192	86.38	27.78
128.00	1093664.77	58.139	99.99	.01	.064	90.92	32.32
161.00	2184016.90	58.139	100.00	.00	.128	99.99	9.07
203.00	4377906.30	.000	100.00	.00	.000	99.99	9.07
TOTAL		11946390.141			1.410		

16/10/73 2.5 m

CARBON	254	mg m^{-3}
NITROGEN	31.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	4.94×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.94×10^{-2}
MICROZOOPLANKTON	3.33×10^{-1}
FAECAL PELLETS	0.0

DATE: 16/10/73 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9932089.552	44.12	44.12	.041	2.64	2.64
2.52	8.35	3644029.850	60.30	60.30	.030	4.59	4.59
3.17	16.77	2427611.940	71.09	71.09	.040	7.18	7.18
4.00	33.38	1770895.522	78.95	78.95	.059	10.96	10.96
5.04	66.76	2100746.268	88.28	88.28	.140	19.93	19.93
6.35	132.90	1761194.029	96.11	96.11	.236	34.98	34.98
8.00	267.01	591791.044	98.74	98.74	.158	45.09	45.09
10.08	537.30	184328.358	99.56	99.56	.098	51.39	51.39
12.70	1068.23	35074.626	99.71	99.71	.037	53.79	53.79
16.00	2136.06	19402.985	99.80	99.80	.041	56.44	56.44
20.20	4298.42	18197.674	99.88	.08	.078	61.42	4.97
25.40	8545.85	17267.441	99.96	.15	.148	70.85	14.41
32.00	17068.51	6220.930	99.98	.18	.107	77.68	21.23
40.30	34132.61	1569.767	99.99	.19	.054	81.12	24.67
50.80	68366.83	465.116	99.99	.00	.032	83.16	2.04
64.00	136708.10	290.697	99.99	.00	.040	85.71	4.59
80.60	273060.85	232.558	99.99	.00	.064	89.79	8.67
101.60	553419.97	58.139	99.99	.00	.032	91.83	10.71
128.00	1093664.77	.000	99.99	.00	.000	91.83	10.71
161.00	2184016.90	58.139	100.00	.00	.128	99.99	8.16
203.00	4377906.30	.000	100.00	.00	.000	99.99	8.16
TOTAL		22511524.643			1.568		

16/10/73 5.0 m

CARBON	202	mg m^{-3}
NITROGEN	45.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	6.14×10^{-2}
SILICOFLAGELLATES	1.12×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	6.14×10^{-2}
MICROZOOPLANKTON	1.40×10^{-1}
FAECAL PELLETS	0.0

DATE: 16/10/73 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	4357462.686	49.69	49.69	.018	1.10	1.10
2.52	8.35	1905970.149	71.43	71.43	.015	2.07	2.07
3.17	16.77	1059701.492	83.51	83.51	.017	3.14	3.14
4.00	33.38	554477.611	89.84	89.84	.013	4.26	4.26
5.04	66.76	373880.597	94.10	94.10	.025	5.78	5.78
6.35	132.90	235820.395	96.79	96.79	.031	7.70	7.70
8.00	267.01	142537.313	98.41	98.41	.038	10.02	10.02
10.08	537.30	65671.641	99.16	99.16	.035	12.15	12.15
12.70	1068.23	23134.328	99.43	99.43	.024	13.66	13.66
16.00	2136.06	11940.298	99.56	99.56	.025	15.21	15.21
20.20	4298.42	9701.492	99.67	.11	.041	17.74	2.52
25.40	8545.85	11569.767	99.81	.24	.099	23.75	8.53
32.00	17088.51	6395.348	99.88	.31	.110	30.43	15.21
40.30	34132.61	4244.186	99.93	.36	.146	39.29	24.07
50.80	68366.83	2790.697	99.96	.03	.192	50.95	11.65
64.00	136708.10	1802.325	99.98	.05	.248	66.00	26.71
80.60	273060.85	872.093	99.99	.06	.240	80.57	41.27
101.60	553419.97	348.837	99.99	.06	.192	92.22	52.93
128.00	1093664.77	116.279	99.99	.06	.123	99.99	60.70
161.00	2184016.90	.000	99.99	.00	.000	99.99	.00
203.00	4377906.30	.000	99.99	.00	.000	99.99	.00
TOTAL		8768438.042			1.647		

16/10/73	10.0 m	
CARBON	191	mg m^{-3}
NITROGEN	26.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.46×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	1.64×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.64×10^{-1}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 16/10/73 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	5838059.701	39.63	39.68	.024	.63	.63
2.52	8.35	3102935.074	60.78	60.78	.025	1.31	1.31
3.17	16.77	2047761.194	74.70	74.70	.034	2.21	2.21
4.00	33.38	1325373.134	83.71	83.71	.044	3.38	3.38
5.04	66.76	778358.208	89.00	89.00	.052	4.74	4.74
6.35	132.90	520149.253	92.54	92.54	.069	6.57	6.57
8.00	267.01	358203.955	94.97	94.97	.096	9.08	9.08
10.08	537.30	232835.820	96.56	96.56	.124	12.35	12.35
12.70	1068.23	206046.511	97.96	97.96	.221	18.15	18.15
16.00	2136.06	136802.325	98.89	98.89	.294	25.85	25.85
20.20	4298.42	83720.930	99.46	.56	.360	35.29	9.43
25.40	8545.85	40581.395	99.73	.84	.349	44.43	18.58
32.00	17088.51	17674.418	99.85	.96	.304	52.40	26.54
40.30	34132.61	11046.511	99.93	1.04	.380	62.36	36.50
50.80	68366.83	5872.093	99.97	.03	.404	72.95	10.58
64.00	136708.10	2034.883	99.98	.05	.280	80.29	17.92
80.60	273060.85	1220.930	99.99	.06	.336	89.09	26.73
101.60	553419.97	406.976	99.99	.06	.224	94.96	32.60
128.00	1093664.77	174.418	100.00	.06	.192	99.99	37.63
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		14709312.738			3.815		

16/10/73 15.0 m

CARBON	236	mg m^{-3}
NITROGEN	26.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	4.29×10^{-2}
SILICOFLAGELLATES	1.32×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	4.30×10^{-2}
MICROZOOPLANKTON	$8.26 \times 10^{-}$
FAECAL PELLETS	0.0

DATE: 16/10/73 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	3911194.029	45.00	45.00	.016	2.23	2.23
2.52	8.35	1971641.791	67.69	67.69	.016	4.50	4.50
3.17	16.77	1237313.432	81.92	81.92	.020	7.34	7.34
4.00	33.38	736567.164	90.40	90.40	.024	10.71	10.71
5.04	66.76	400000.000	95.00	95.00	.026	14.39	14.39
6.35	132.90	197761.194	97.28	97.28	.026	18.02	18.02
8.00	267.01	118656.716	98.64	98.64	.031	22.39	22.39
10.08	537.30	63432.835	99.37	99.37	.034	27.05	27.05
12.70	1068.23	23134.328	99.64	99.64	.024	30.46	30.46
16.00	2136.06	13432.835	99.79	99.79	.028	34.41	34.41
20.20	4298.42	8955.223	99.90	.10	.033	39.68	5.26
25.40	8545.85	2985.074	99.93	.13	.025	43.19	8.78
32.00	17088.51	2209.302	99.95	.16	.038	48.40	13.99
40.30	34132.61	1511.627	99.97	.18	.052	55.54	21.13
50.80	68366.83	988.372	99.98	.01	.068	64.87	9.33
64.00	136708.10	581.395	99.99	.01	.080	75.85	20.30
80.60	273060.85	174.418	99.99	.02	.048	82.43	26.89
101.60	553419.97	232.558	99.99	.02	.128	99.99	44.45
128.00	1093664.77	.000	99.99	.02	.000	99.99	44.45
161.00	2184016.90	.000	99.99	.00	.000	99.99	.00
203.00	4377906.30	.000	99.99	.00			.00
TOTAL		8690772.301			.728		

16/10/73	20.0 m	
CARBON	148	mg m^{-3}
NITROGEN	14.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.30×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	1.15×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.28×10^{-2}
MICROZOOPLANKTON	2.42×10^{-1}
FAECAL PELLETS	0.0

DATE: 16/10/73 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7890298.507	49.81	49.81	.033	4.70	4.70
2.52	8.35	3896268.656	74.41	74.41	.032	9.35	9.35
3.17	16.77	1991791.044	86.99	86.99	.033	14.11	14.11
4.00	33.38	975373.134	93.15	93.15	.032	18.76	18.76
5.04	66.76	517910.447	96.42	96.42	.034	23.71	23.71
6.35	132.90	278358.208	98.17	98.17	.037	29.03	29.03
8.00	267.01	146268.656	99.10	99.10	.039	34.62	34.62
10.08	537.30	60447.761	99.48	99.48	.032	39.24	39.24
12.70	1068.23	41791.044	99.74	99.74	.044	45.64	45.64
16.00	2136.06	22388.059	99.88	99.88	.048	52.48	52.48
20.20	4298.42	9701.492	99.95	.06	.041	58.42	5.93
25.40	8545.85	4477.611	99.97	.08	.038	63.90	11.41
32.00	17088.51	1453.488	99.98	.09	.025	67.47	14.98
40.30	34132.61	813.953	99.99	.10	.028	71.46	18.97
50.80	68366.83	813.953	99.99	.00	.056	79.45	7.98
64.00	136708.10	116.279	99.99	.00	.016	81.73	10.27
80.60	273060.85	116.279	99.99	.00	.032	86.30	14.83
101.60	553419.97	58.139	99.99	.00	.032	90.86	19.40
128.00	1093664.77	58.139	100.00	.00	.064	99.99	28.53
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		15838504.858			.700		

16/10/73 30.0 m

CARBON	168	mg m^{-3}
NITROGEN	17.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	6.59×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	6.59×10^{-2}
MICROZOOPLANKTON	2.46×10^{-1}
FAECAL PELLETS	0.0

DATE: 16/10/73 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9173134.328	50.27	50.27	.038	5.14	5.14
2.52	8.35	4749253.731	76.30	76.30	.039	10.45	10.45
3.17	16.77	2335820.895	89.10	89.10	.039	15.68	15.68
4.00	33.38	1009701.492	94.63	94.63	.033	20.21	20.21
5.04	66.76	514925.373	97.46	97.46	.034	24.83	24.83
6.35	132.90	235074.626	98.74	98.74	.031	29.04	29.04
8.00	267.01	119402.985	99.40	99.40	.032	33.33	33.33
10.08	537.30	56716.417	99.71	99.71	.030	37.40	37.40
12.70	1068.23	28358.208	99.86	99.86	.030	41.47	41.47
16.00	2136.06	13432.835	99.94	99.94	.028	45.32	45.32
20.20	4298.42	5223.880	99.97	.02	.022	48.32	2.99
25.40	8545.85	1744.186	99.98	.03	.015	50.33	5.00
32.00	17088.51	988.372	99.98	.04	.017	52.61	7.28
40.30	34132.61	755.813	99.99	.04	.026	56.09	10.76
50.80	68366.83	697.674	99.99	.00	.048	62.51	6.42
64.00	136708.10	523.255	99.99	.00	.072	72.15	16.06
80.60	273060.85	174.418	99.99	.00	.048	78.58	22.48
101.60	553419.97	174.418	99.99	.00	.096	91.43	35.34
128.00	1093664.77	58.139	100.00	.00	.064	99.99	43.90
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		18246161.054			.747		

16/10/73	40.0 m	
CARBON	142.	mg m^{-3}
NITROGEN	16.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	3.68×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.68×10^{-2}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 16/10/73 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	18436567.164	47.88	47.88	.077	2.64	2.64
2.52	8.35	9165671.641	71.68	71.68	.076	5.26	5.26
3.17	16.77	5168656.716	85.11	85.11	.086	8.22	8.22
4.00	33.38	2612686.567	91.89	91.89	.087	11.22	11.22
5.04	66.76	1445522.388	95.65	95.65	.096	14.53	14.53
6.35	132.90	761940.298	97.63	97.63	.102	18.02	18.02
8.00	267.01	451492.537	98.80	98.80	.121	22.17	22.17
10.08	537.30	208955.223	99.34	99.34	.112	26.00	26.00
12.70	1068.23	115671.641	99.64	99.64	.124	30.24	30.24
16.00	2136.06	52985.074	99.78	99.78	.113	34.13	34.13
20.20	4298.42	23880.597	99.84	.06	.102	37.64	3.50
25.40	8545.85	32674.418	99.93	.14	.281	47.25	13.12
32.00	17088.51	12267.441	99.96	.17	.211	54.48	20.34
40.30	34132.61	7383.720	99.98	.19	.254	63.17	29.03
50.80	68366.83	2616.279	99.99	.00	.180	69.33	6.16
64.00	136708.10	2093.023	99.99	.01	.288	79.19	16.01
80.60	273060.85	1046.511	99.99	.01	.288	89.04	25.87
101.60	553419.97	348.837	99.99	.01	.192	95.61	32.44
128.00	1093664.77	116.279	100.00	.01	.128	99.99	36.82
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		38502576.361			2.921		

16/10/73 60.0 m

CARBON	322	mg m^{-3}
NITROGEN	25.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	1.38×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.38×10^{-2}
MICROZOOPLANKTON	1.40×10^{-3}
FAECAL PELLETS	0.0

DATE: 30/10/73 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	5585074.626	48.22	48.22	.023	2.05	2.05
2.52	8.35	2337313.432	68.40	68.40	.019	3.77	3.77
3.17	16.77	1301492.537	79.63	79.63	.021	5.70	5.70
4.00	33.38	986567.164	88.15	88.15	.033	8.61	8.61
5.04	66.76	465671.641	92.17	92.17	.031	11.37	11.37
6.35	132.90	343283.582	95.13	95.13	.046	15.43	15.43
8.00	267.01	334328.358	98.02	98.02	.089	23.34	23.34
10.08	537.30	145522.388	99.28	99.28	.078	30.23	30.23
12.70	1068.23	38805.970	99.61	99.61	.041	33.90	33.90
16.00	2136.06	16417.910	99.75	99.75	.035	37.01	37.01
20.20	4298.42	8955.223	99.83	.07	.038	40.40	3.39
25.40	8545.85	6918.604	99.89	.13	.059	45.61	8.59
32.00	17088.51	4418.604	99.93	.17	.076	52.32	15.30
40.30	34132.61	3953.488	99.96	.20	.136	64.32	27.31
50.80	68366.83	2616.279	99.99	.02	.180	80.22	15.89
64.00	136708.10	697.674	99.99	.02	.096	88.69	24.36
80.60	273060.85	232.558	99.99	.03	.064	94.34	30.01
101.60	553419.97	116.279	100.00	.03	.064	99.99	35.67
128.00	1093664.77	.000	100.00	.03	.000	99.99	35.67
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		11582386.323			1.132		

30/10/73 0 m

CARBON	1036	mg m^{-3}
NITROGEN	55.0	mg m^{-3}
ATP	0.729	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	4.06×10^{-4}
DINOFLAGELLATES	2.88×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.88×10^{-1}
MICROZOOPLANKTON	6.50×10^{-3}
FAECAL PELLETS	0.0

DATE: 30/10/73 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	5240298.507	39.01	39.01	.021	4.15	4.15
2.52	8.35	3479850.746	64.92	64.92	.029	9.68	9.68
3.17	16.77	2586567.164	84.17	84.17	.043	17.90	17.90
4.00	33.38	1149253.731	92.73	92.73	.038	25.21	25.21
5.04	66.76	489552.238	96.37	96.37	.032	31.44	31.44
6.35	132.90	214925.373	97.97	97.97	.028	36.91	36.91
8.00	267.01	148507.462	99.08	99.08	.039	44.47	44.47
10.08	537.30	64179.104	99.56	99.56	.034	51.00	51.00
12.70	1068.23	37313.432	99.84	99.84	.040	58.60	58.60
16.00	2136.06	13432.835	99.94	99.94	.028	64.07	64.07
20.20	4298.42	3731.343	99.96	.02	.016	67.10	3.03
25.40	8545.85	2238.805	99.98	.04	.019	70.75	6.68
32.00	17088.51	697.674	99.99	.04	.012	73.03	8.96
40.30	34132.61	406.976	99.99	.05	.014	75.69	11.62
50.80	68366.83	232.558	99.99	.00	.016	78.73	3.03
64.00	136708.10	581.395	99.99	.00	.080	93.92	18.23
80.60	273060.85	116.279	100.00	.00	.032	99.99	24.30
101.60	553419.97	.000	100.00	.00	.000	99.99	24.30
128.00	1093664.77	.000	100.00	.00	.000	99.99	.00
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00			
TOTAL		13431885.629			.526		

30/10/73 2.5 m

CARBON	1373	mg m^{-3}
NITROGEN	68.0	mg m^{-3}
ATP	0.462	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	2.22×10^{-3}
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.22×10^{-3}
MICROZOOPLANKTON	7.38×10^{-2}
FAECAL PELLETS	0.0

DATE: 30/10/73 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	18450000.000	52.60	52.60	.077	3.41	3.41
2.52	8.35	5732089.552	68.95	68.95	.048	5.53	5.53
3.17	16.77	3085074.626	77.75	77.75	.051	7.81	7.81
4.00	33.38	6011940.298	94.89	94.89	.201	16.71	16.71
5.04	66.76	1365671.641	98.78	98.78	.091	20.76	20.76
6.35	132.90	217910.447	99.40	99.40	.029	22.05	22.05
8.00	267.01	65671.641	99.59	99.59	.017	22.82	22.82
10.08	537.30	76119.402	99.81	99.81	.040	24.63	24.63
12.70	1068.23	29104.477	99.89	99.89	.031	26.01	26.01
16.00	2136.06	5970.149	99.91	99.91	.012	26.57	26.57
20.20	4298.42	8208.955	99.93	.02	.035	28.13	1.55
25.40	8545.85	6220.930	99.95	.04	.053	30.47	3.89
32.00	17088.51	4360.465	99.96	.05	.075	33.79	7.21
40.30	34132.61	3546.511	99.97	.06	.122	39.18	12.60
50.80	68366.83	3023.255	99.98	.00	.208	48.37	9.19
64.00	136708.10	2906.976	99.99	.01	.400	66.05	26.87
80.60	273060.85	1511.627	99.99	.02	.416	84.44	45.25
101.60	553419.97	290.697	99.99	.02	.160	91.51	52.33
128.00	1093664.77	174.418	100.00	.02	.192	99.99	60.81
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		35069796.077			2.262		

30/10/73 5.0 m

CARBON	744	mg m^{-3}
NITROGEN	59.0	mg m^{-3}
ATP	0.591	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	2.96×10^{-2}
DINOFLAGELLATES	4.35×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.65×10^{-1}
MICROZOOPLANKTON	7.60×10^{-3}
FAECAL PELLETS	0.0

DATE: 30/10/73 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12385820.895	65.21	65.21	.051	4.06	4.06
2.52	8.35	3052238.805	81.27	81.27	.025	6.05	6.05
3.17	16.77	1335074.626	88.30	88.30	.022	7.80	7.80
4.00	33.38	1113432.835	94.17	94.17	.037	10.73	10.73
5.04	66.76	485074.626	96.72	96.72	.032	13.28	13.28
6.35	132.90	229850.746	97.93	97.93	.030	15.69	15.69
8.00	267.01	135820.895	98.64	98.64	.036	18.54	18.54
10.08	537.30	102985.074	99.19	99.19	.055	22.87	22.87
12.70	1068.23	55970.149	99.48	99.48	.060	27.57	27.57
16.00	2136.06	32089.552	99.65	99.65	.068	32.97	32.97
20.20	4298.42	33582.089	99.83	.17	.144	44.26	11.28
25.40	8545.85	19069.767	99.93	.27	.164	57.11	24.14
32.00	17088.51	6918.604	99.96	.31	.119	66.44	33.47
40.30	34132.61	3372.093	99.98	.33	.116	75.54	42.56
50.80	68366.83	1395.348	99.99	.00	.096	83.06	7.52
64.00	136708.10	755.813	99.99	.01	.104	91.21	15.67
80.60	273060.85	174.418	99.99	.01	.048	94.98	19.44
101.60	553419.97	116.279	100.00	.01	.064	99.99	24.45
128.00	1093664.77	.000	100.00	.01	.000	99.99	24.45
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		18993742.623			1.275		

30/10/73 10.0 m

CARBON	436	mg m^{-3}
NITROGEN	55.0	mg m^{-3}
ATP	0.558	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	1.79×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.79×10^{-1}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 30/10/73 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	25926865.671	69.20	69.20	.108	5.79	5.79
2.52	8.35	8977611.940	93.17	93.17	.075	9.81	9.81
3.17	16.77	1638805.970	97.54	97.54	.027	11.27	11.27
4.00	33.38	420149.253	98.66	98.66	.014	12.02	12.02
5.04	66.76	200746.268	99.20	99.20	.013	12.73	12.73
6.35	132.90	100746.268	99.47	99.47	.013	13.46	13.46
8.00	267.01	79850.746	99.68	99.68	.021	14.60	14.60
10.08	537.30	51492.537	99.82	99.82	.027	16.07	16.07
12.70	1068.23	25373.134	99.88	99.88	.027	17.53	17.53
16.00	2136.06	12686.567	99.92	99.92	.027	18.98	18.98
20.20	4298.42	10447.761	99.95	.02	.044	21.38	2.39
25.40	8545.85	4477.611	99.96	.03	.038	23.43	4.44
32.00	17088.51	4477.611	99.97	.05	.076	27.53	8.55
40.30	34132.61	6046.511	99.99	.06	.208	38.65	19.66
50.80	68366.83	2267.441	99.99	.00	.156	46.98	8.33
64.00	136708.10	348.837	99.99	.00	.048	49.55	10.90
80.60	273060.85	174.418	99.99	.00	.048	52.11	13.46
101.60	553419.97	116.279	99.99	.00	.064	55.53	16.88
128.00	1093664.77	174.418	99.99	.00	.192	65.79	27.14
161.00	2184016.90	58.139	99.99	.00	.128	72.63	6.84
203.00	4377906.30	116.279	100.00	.00	.512	99.99	34.20
TOTAL		37463033.667			1.871		

30/10/73 15.0 m

CARBON	416	mg m^{-3}
NITROGEN	39.0	mg m^{-3}
ATP	0.786	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	4.38×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.38×10^{-1}
MICROZOOPLANKTON	2.29×10^{-2}
FAECAL PELLETS	0.0

DATE: 30/10/73 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	5434328.358	37.10	37.10	.022	2.73	2.73
2.52	8.35	3388805.970	60.24	60.24	.028	6.15	6.15
3.17	16.77	1278358.208	68.96	68.96	.021	8.73	8.73
4.00	33.38	3537313.432	93.12	93.12	.118	23.03	23.03
5.04	66.76	525373.134	96.70	96.70	.035	27.27	27.27
6.35	132.90	222388.059	98.22	98.22	.029	30.87	30.87
8.00	267.01	132089.552	99.12	99.12	.035	35.14	35.14
10.08	537.30	61194.029	99.54	99.54	.032	39.10	39.10
12.70	1068.23	28358.208	99.74	99.74	.030	42.76	42.76
16.00	2136.06	14925.373	99.84	99.84	.032	46.62	46.62
20.20	4298.42	11940.298	99.92	.08	.051	52.80	6.17
25.40	8545.85	3731.343	99.94	.10	.032	56.66	10.03
32.00	17088.51	2985.074	99.96	.12	.051	62.84	16.21
40.30	34132.61	2558.139	99.98	.14	.088	73.45	26.83
50.80	68366.83	1337.209	99.99	.00	.092	84.55	11.09
64.00	136708.10	465.116	99.99	.01	.064	92.27	18.82
80.60	273060.85	.000	99.99	.01	.000	92.27	18.82
101.60	553419.97	116.279	100.00	.01	.064	99.99	26.54
128.00	1093664.77	.000	100.00	.01	.000	99.99	26.54
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		14646267.788			.828		

30/10/73 20.0 m

CARBON	399	mg m^{-3}
NITROGEN	43.0	mg m^{-3}
ATP	0.122	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	1.50
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.50
MICROZOOPLANKTON	8.00×10^{-2}
FAECAL PELLETS	0.0

DATE: 30/10/73 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	6403731.343	39.09	39.09	.026	3.28	3.28
2.52	8.35	4350000.000	65.65	65.65	.036	7.74	7.74
3.17	16.77	912686.567	71.22	71.22	.015	9.60	9.60
4.00	33.38	3643283.582	93.47	93.47	.122	24.54	24.54
5.04	66.76	422388.059	96.05	96.05	.028	28.01	28.01
6.35	132.90	311194.029	97.95	97.95	.041	33.12	33.12
8.00	267.01	204477.611	99.20	99.20	.054	39.83	39.83
10.08	537.30	86567.164	99.72	99.72	.046	45.51	45.51
12.70	1068.23	27611.940	99.89	99.89	.029	49.14	49.14
16.00	2136.06	11194.029	99.96	99.96	.024	52.08	52.08
20.20	4298.42	2238.805	99.97	.01	.096	63.84	11.75
25.40	8545.85	.000	99.97	.01	.000	63.84	11.75
32.00	17088.51	.000	99.97	.01	.000	63.84	11.75
40.30	34132.61	1492.537	99.98	.02	.051	70.11	18.03
50.80	68366.83	755.813	99.99	.00	.052	76.48	6.36
64.00	136708.10	813.953	99.99	.00	.112	90.20	20.08
80.60	273060.85	174.418	99.99	.01	.048	96.08	25.96
101.60	553419.97	58.139	100.00	.01	.032	99.99	29.88
128.00	1093664.77	.000	100.00	.01	.000	99.99	29.88
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		16378667.996			.816		

30/10/73 30 m

CARBON	286	mg m^{-3}
NITROGEN	24.0	mg m^{-3}
ATP	0.0864	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	2.85×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.85×10^{-3}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 30/10/73 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8867910.447	50.02	50.02	.037	6.09	6.09
2.52	8.35	4177611.940	73.59	73.59	.034	11.82	11.82
3.17	16.77	698507.462	77.53	77.53	.011	13.74	13.74
4.00	33.38	3264179.104	95.95	95.95	.109	31.68	31.68
5.04	66.76	267164.179	97.45	97.45	.017	34.62	34.62
6.35	132.90	188059.701	98.51	98.51	.025	38.76	38.76
8.00	267.01	132835.820	99.26	99.26	.035	44.60	44.60
10.08	537.30	77611.940	99.70	99.70	.041	51.43	51.43
12.70	1068.23	31343.283	99.88	99.88	.033	56.95	56.95
16.00	2136.06	12686.567	99.95	99.95	.027	61.41	61.41
20.20	4298.42	4477.611	99.97	.02	.019	64.57	3.15
25.40	8545.85	1492.537	99.98	.03	.012	66.67	5.25
32.00	17088.51	1104.651	99.99	.03	.019	69.79	8.37
40.30	34132.61	581.395	99.99	.04	.020	73.07	11.65
50.80	68366.83	174.418	99.99	.00	.012	75.04	1.97
64.00	136708.10	174.418	99.99	.00	.024	78.98	5.91
80.60	273060.85	.000	99.99	.00	.000	78.98	5.91
101.60	553419.97	.000	99.99	.00	.000	78.98	5.91
128.00	1093664.77	116.279	100.00	.00	.128	99.99	26.92
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		17726031.758			.609		

30/10/73 40.0 m

CARBON	273	mg m^{-3}
NITROGEN	24.0	mg m^{-3}
ATP	0.177	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	1.26×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.26×10^{-2}
MICROZOOPLANKTON	4.60×10^{-3}
FAECAL PELLETS	0.0

DATE: 30/10/73 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11657462.686	33.44	33.44	.048	2.86	2.86
2.52	8.35	8366417.910	57.45	57.45	.070	6.96	6.96
3.17	16.77	899253.731	60.03	60.03	.090	12.24	12.24
4.00	33.38	6579850.746	78.91	78.91	.220	25.17	25.17
5.04	66.76	3570895.522	89.15	89.15	.239	39.20	39.20
6.35	132.90	2499253.731	96.33	96.33	.334	58.84	58.84
8.00	267.01	1059701.492	99.37	99.37	.284	75.50	75.50
10.08	537.30	170895.522	99.86	99.86	.091	80.87	80.87
12.70	1068.23	33582.089	99.95	99.95	.036	82.99	82.99
16.00	2136.06	11194.029	99.98	99.98	.024	84.39	84.39
20.20	4298.42	1492.537	99.99	.00	.064	88.15	3.75
25.40	8545.85	.000	99.99	.00	.000	88.15	3.75
32.00	17088.51	.000	99.99	.00	.000	88.15	3.75
40.30	34132.61	1104.651	99.99	.00	.038	90.38	5.98
50.80	68366.83	523.255	99.99	.00	.036	92.49	2.11
64.00	136708.10	232.558	99.99	.00	.032	94.36	3.98
80.60	273060.85	.000	99.99	.00	.000	94.36	3.98
101.60	553419.97	174.418	100.00	.00	.096	99.99	9.61
128.00	1093664.77	.000	100.00	.00	.000	99.99	9.61
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		34852034.883			1.704		

30/10/73 60.0 m

CARBON	266	mg m^{-3}
NITROGEN	24.0	mg m^{-3}
ATP	0.0616	mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.68×10^{-5}
FLAGELLATES	0.0
DINOFLAGELLATES	3.54×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.54×10^{-2}
MICROZOOPLANKTON	2.10×10^{-3}
FAECAL PELLETS	0.0

DATE: 14/11/73 DEPTH: .0 M AREA: DB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	57673880.597	39.91	39.91	.241	4.52	4.52
2.52	8.35	48541791.044	73.51	73.51	.406	12.13	12.13
3.17	16.77	24156716.417	90.23	90.23	.406	19.74	19.74
4.00	33.38	8224626.865	95.92	95.92	.275	24.90	24.90
5.04	66.76	3128358.208	98.09	98.09	.209	28.83	28.83
6.35	132.90	1535820.895	99.15	99.15	.205	32.68	32.68
8.00	267.01	770895.522	99.68	99.63	.206	36.55	36.55
10.08	537.30	247761.194	99.85	99.85	.132	39.04	39.04
12.70	1068.23	67910.447	99.90	99.90	.072	40.40	40.40
16.00	2136.06	31343.283	99.92	99.92	.067	41.66	41.66
20.20	4298.42	17558.139	99.94	.01	.075	43.07	1.40
25.40	8545.85	20930.232	99.95	.02	.180	46.44	4.77
32.00	17088.51	23372.093	99.97	.04	.402	53.96	12.30
40.30	34132.61	27267.441	99.98	.06	.938	71.53	29.86
50.80	68366.83	10000.000	99.99	.00	.688	84.41	12.88
64.00	136708.10	3488.372	99.99	.00	.480	93.40	21.87
80.60	273060.85	1046.511	99.99	.01	.288	98.80	27.26
101.60	553419.97	116.279	100.00	.01	.064	99.99	28.46
128.00	1093664.77	.000	100.00	.01	.000	99.99	28.46
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		144482883.539			5.339		

14/11/73 0 m

CARBON	279	mg m^{-3}
NITROGEN	27.0	mg m^{-3}
ATP	0.282	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	1.10×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.10×10^{-1}
MICROZOOPLANKTON	6.02×10^{-2}
FAECAL PELLETS	1.91×10^{-2}

DATE: 14/11/73 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	74298507.462	68.86	68.86	.311	17.54	17.54
2.52	8.35	22101492.537	89.35	89.35	.185	27.97	27.97
3.17	16.77	7112686.567	95.94	95.94	.119	34.69	34.69
4.00	33.38	2698507.462	98.44	98.44	.090	39.79	39.79
5.04	66.76	977611.940	99.35	99.35	.065	43.48	43.48
6.35	132.90	366417.910	99.69	99.69	.049	46.25	46.25
8.00	267.01	183582.089	99.86	99.86	.049	49.02	49.02
10.08	537.30	70895.522	99.92	99.92	.038	51.17	51.17
12.70	1068.23	30597.014	99.95	99.95	.032	53.01	53.01
16.00	2136.06	15671.641	99.96	99.96	.033	54.91	54.91
20.20	4298.42	8208.955	99.97	.00	.035	56.89	1.98
25.40	8545.85	8955.223	99.98	.01	.076	61.22	6.31
32.00	17088.51	5223.880	99.98	.02	.089	66.28	11.36
40.30	34132.61	7383.720	99.99	.02	.254	80.60	25.68
50.80	68366.83	2906.976	99.99	.00	.200	91.88	11.27
64.00	136708.10	348.837	99.99	.00	.048	94.58	13.98
80.60	273060.85	116.279	99.99	.00	.032	96.39	15.78
101.60	553419.97	.000	99.99	.00	.000	96.39	15.78
128.00	1093664.77	58.139	100.00	.00	.064	99.99	19.39
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		107889172.154			1.773		

14/11/73 2.5 m

CARBON	194	mg m^{-3}
NITROGEN	19.0	mg m^{-3}
ATP	0.439	mg m^{-3}

	VOLUME (PPM)
DIATOMS	8.10×10^{-5}
FLAGELLATES	0.0
DINOFLAGELLATES	3.29×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.37×10^{-3}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 14/11/73 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	25176119.402	73.03	73.03			
2.52	8.35	4867910.447	87.15	87.15	.105	9.49	9.49
3.17	16.77	2224626.865	93.61	93.61	.041	13.19	13.19
4.00	33.38	1020895.522	96.57	96.57	.037	16.54	16.54
5.04	66.76	568656.716	98.22	98.22	.034	19.62	19.62
6.35	132.90	285820.895	99.05	99.05	.038	23.05	23.05
8.00	267.01	222388.059	99.69	99.69	.038	26.50	26.50
10.08	537.30	55223.880	99.85	99.85	.059	31.87	31.87
12.70	1068.23	17164.179	99.90	99.90	.029	34.54	34.54
16.00	2136.06	9709.302	99.93	99.93	.018	36.20	36.20
20.20	4298.42	6395.348	99.95	.01	.020	38.00	38.00
25.40	8545.85	5174.418	99.96	.03	.027	40.43	2.43
32.00	17088.51	3081.395	99.97	.04	.044	44.40	6.39
40.30	34132.61	3488.372	99.98	.05	.053	49.18	11.17
50.80	68366.83	2732.558	99.99	.00	.120	59.99	21.98
64.00	136708.10	813.953	99.99	.01	.188	76.93	16.93
80.60	273060.85	406.976	99.99	.01	.112	87.02	27.03
101.60	553419.97	58.139	100.00	.01	.112	97.11	37.12
128.00	1093664.77	.000	100.00	.01	.032	99.99	40.00
161.00	2184016.90	.000	100.00	.00	.000	99.99	40.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		34470666.434			.000	99.99	.00
					1.109		

14/11/73 5.0 m

CARBON	142	mg m^{-3}
NITROGEN	18.0	mg m^{-3}
ATP	0.207	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.16×10^{-6}
FLAGELLATES	7.39×10^{-5}
DINOFLAGELLATES	3.52×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.52×10^{-2}
MICROZOOPLANKTON	7.7×10^{-3}
FAECAL PELLETS	0.0

DATE: 14/11/73 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8820149.253	53.87	53.87	.036	2.51	2.51
2.52	8.35	3621641.791	75.99	75.99	.030	4.58	4.58
3.17	16.77	1963432.835	87.99	87.99	.032	6.82	6.82
4.00	33.38	944029.850	93.75	93.75	.031	8.98	8.98
5.04	66.76	512686.567	96.89	96.89	.034	11.32	11.32
6.35	132.90	235074.626	98.32	98.32	.031	13.47	13.47
8.00	267.01	132835.820	99.13	99.13	.035	15.90	15.90
10.08	537.30	58208.955	99.49	99.49	.031	18.03	18.03
12.70	1068.23	19402.985	99.61	99.61	.020	19.45	19.45
16.00	2136.06	9701.492	99.67	99.67	.020	20.87	20.87
20.20	4298.42	11940.298	99.74	.07	.051	24.36	3.49
25.40	8545.85	19941.860	99.86	.19	.171	36.04	15.16
32.00	17088.51	12965.116	99.94	.27	.223	51.26	30.38
40.30	34132.61	5290.697	99.97	.30	.182	63.68	42.81
50.80	68366.83	2383.720	99.99	.01	.164	74.88	11.19
64.00	136708.10	697.674	99.99	.01	.096	81.43	17.74
80.60	273060.85	290.697	99.99	.02	.080	86.89	23.20
101.60	553419.97	116.279	99.99	.02	.064	91.26	27.57
128.00	1093664.77	116.279	100.00	.02	.128	99.99	36.31
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		16370906.802			1.465		

14/11/73 10 m

CARBON	170	mg m^{-3}
NITROGEN	19.0	mg m^{-3}
ATP	0.490	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.38×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	3.26×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.28×10^{-1}
MICROZOOPLANKTON	6.30×10^{-3}
FAECAL PELLETS	0.0

DATE: 14/11/73 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8258208.955	47.97	47.97	.034	2.26	2.26
2.52	8.35	4017910.447	71.31	71.31	.033	4.47	4.47
3.17	16.77	2312686.567	84.74	84.74	.038	6.97	6.97
4.00	33.38	1249253.731	92.00	92.00	.041	9.71	9.71
5.04	66.76	661194.029	95.84	95.84	.044	12.62	12.62
6.35	132.90	367910.447	97.98	97.98	.049	15.85	15.85
8.00	267.01	184328.358	99.05	99.05	.049	19.10	19.10
10.08	537.30	83582.089	99.53	99.53	.044	22.04	22.04
12.70	1068.23	29104.477	99.70	99.70	.031	24.09	24.09
16.00	2136.06	14179.104	99.79	99.79	.030	26.08	26.08
20.20	4298.42	11453.488	99.85	.06	.049	29.30	3.21
25.40	8545.85	9767.441	99.91	.12	.084	34.81	8.73
32.00	17088.51	5872.093	99.94	.15	.101	41.44	15.36
40.30	34132.61	3720.930	99.96	.17	.128	49.84	23.76
50.80	68366.83	2383.720	99.98	.01	.164	60.61	10.76
64.00	136708.10	1453.488	99.99	.02	.200	73.74	23.89
80.60	273060.85	1220.930	99.99	.02	.336	95.79	45.94
101.60	553419.97	116.279	100.00	.03	.064	99.99	50.15
128.00	1093664.77	.000	100.00	.03	.000	99.99	50.15
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		17214346.580			1.523		

14/11/73 15.0 m

CARBON	266	mg m^{-3}
NITROGEN	27.0	mg m^{-3}
ATP	0.158	mg m^{-3}

	VOLUME (PPM)
DIATOMS	8.04×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	1.96×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.04×10^{-1}
MICROZOOPLANKTON	3.16×10^{-2}
FAECAL PELLETS	3.38×10^{-3}

DATE: 14/11/73 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10419402.985	46.61	46.61	.043	3.41	3.41
2.52	8.35	5367910.447	70.63	70.63	.044	6.93	6.93
3.17	16.77	3080597.014	84.41	84.41	.051	10.98	10.98
4.00	33.38	1559701.492	91.39	91.39	.052	15.07	15.07
5.04	66.76	883582.089	95.34	95.34	.059	19.71	19.71
6.35	132.90	462686.567	97.41	97.41	.062	24.57	24.57
8.00	267.01	288059.701	98.70	98.70	.077	30.62	30.62
10.08	537.30	140298.507	99.33	99.33	.075	36.52	36.52
12.70	1068.23	80597.014	99.69	99.69	.086	43.29	43.29
16.00	2136.06	25373.134	99.80	99.80	.054	47.55	47.55
20.20	4298.42	14925.373	99.87	.06	.064	52.57	5.01
25.40	8545.85	11220.930	99.92	.11	.096	60.10	12.54
32.00	17088.51	11104.651	99.97	.16	.191	75.07	27.51
40.30	34132.61	4011.627	99.99	.18	.138	85.89	38.33
50.80	68366.83	1337.209	99.99	.00	.092	93.10	7.21
64.00	136708.10	174.418	99.99	.00	.024	94.98	9.09
80.60	273060.85	116.279	99.99	.00	.032	97.49	11.60
101.60	553419.97	58.139	100.00	.00	.032	99.99	14.10
128.00	1093664.77	.000	100.00	.00	.000	99.99	14.10
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		22351157.583			1.275		

14/11/73 20.0 m

CARBON	247	mg m^{-3}
NITROGEN	26.0	mg m^{-3}
ATP	0.308	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	2.90×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.90×10^{-1}
MICROZOOPLANKTON	1.89×10^{-1}
FAECAL PELLETS	0.0

DATE: 14/11/73 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8214925.373	47.84	47.84	.034	6.13	6.13
2.52	8.35	4135820.895	71.92	71.92	.034	12.30	12.30
3.17	16.77	2335074.626	85.52	85.52	.039	19.28	19.28
4.00	33.38	1209701.492	92.56	92.56	.040	26.50	26.50
5.04	66.76	632089.552	96.24	96.24	.042	34.05	34.05
6.35	132.90	300746.268	98.00	98.00	.040	41.24	41.24
8.00	267.01	192537.313	99.12	99.12	.051	50.44	50.44
10.08	537.30	88059.701	99.63	99.63	.049	59.22	59.22
12.70	1068.23	32835.820	99.82	99.82	.035	65.50	65.50
16.00	2136.06	14925.373	99.91	99.91	.032	71.20	71.20
20.20	4298.42	8955.223	99.96	.05	.038	78.05	6.84
25.40	8545.85	2848.837	99.98	.06	.024	82.34	11.13
32.00	17088.51	1918.604	99.99	.07	.033	88.22	17.01
40.30	34132.61	755.813	99.99	.08	.026	92.86	21.65
50.80	68366.83	348.837	99.99	.00	.024	97.14	4.28
64.00	136708.10	.000	99.99	.00	.000	97.14	4.28
80.60	273060.85	58.139	100.00	.00	.016	99.99	7.13
101.60	553419.97	.000	100.00	.00	.000	99.99	7.13
128.00	1093664.77	.000	100.00	.00	.000	99.99	7.13
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		17171601.873			.560		

14/11/73 30.0 m

CARBON	149	mg m^{-3}
NITROGEN	13.0	mg m^{-3}
ATP	0.144	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	6.69×10^{-4}
DINOFLAGELLATES	2.61×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.67×10^{-2}
MICROZOOPLANKTON	3.90×10^{-3}
FAECAL PELLETS	0.0

DATE: 14/11/73 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	6003731.343	49.35	49.35	.025	4.97	4.97
2.52	8.35	2868656.716	72.94	72.94	.024	9.85	9.85
3.17	16.77	1573880.597	85.88	85.88	.026	15.06	15.06
4.00	33.38	814179.104	92.57	92.57	.027	20.45	20.45
5.04	66.76	418656.716	96.02	96.02	.028	26.00	26.00
6.35	132.90	227611.940	97.89	97.89	.030	32.05	32.05
8.00	267.01	138805.970	99.03	99.03	.037	39.42	39.42
10.08	537.30	62686.567	99.54	99.54	.033	46.08	46.08
12.70	1068.23	34328.358	99.83	99.83	.036	53.37	53.37
16.00	2136.06	8955.223	99.90	99.90	.019	57.18	57.18
20.20	4298.42	5290.697	99.94	.04	.022	61.54	4.36
25.40	8545.85	3139.534	99.97	.06	.027	66.89	9.71
32.00	17088.51	1802.325	99.98	.08	.031	73.04	15.85
40.30	34132.61	930.232	99.99	.09	.032	79.38	22.20
50.80	68366.83	232.558	99.99	.00	.016	82.55	3.17
64.00	136708.10	58.139	99.99	.00	.008	84.14	4.75
80.60	273060.85	174.418	99.99	.00	.048	93.65	14.27
101.60	553419.97	58.139	100.00	.00	.032	99.99	20.61
128.00	1093664.77	.000	100.00	.00	.000	99.99	20.61
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		12163178.583			.504		

14/11/73 40.0 m

CARBON	121	mg m^{-3}
NITROGEN	11.0	mg m^{-3}
ATP	0.114	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	5.47×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	5.47×10^{-2}
MICROZOOPLANKTON	6.90×10^{-3}
FAECAL PELLETS	0.0

DATE: 14/11/73 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	5670149.253	46.53	46.53	.023	3.44	3.44
2.52	8.35	2854477.611	69.95	69.95	.023	6.91	6.91
3.17	16.77	1627611.940	83.31	83.31	.027	10.86	10.86
4.00	33.38	950746.268	91.11	91.11	.031	15.48	15.48
5.04	66.76	470149.253	94.97	94.97	.031	20.06	20.06
6.35	132.90	324626.865	97.63	97.63	.043	26.38	26.38
8.00	267.01	188059.701	99.18	99.18	.050	33.70	33.70
10.08	537.30	64925.373	99.71	99.71	.034	38.75	38.75
12.70	1068.23	14925.373	99.83	99.83	.016	41.08	41.08
16.00	2136.06	8208.955	99.90	99.90	.017	43.63	43.63
20.20	4298.42	4825.581	99.94	.03	.020	46.54	2.90
25.40	8545.85	2558.139	99.96	.06	.022	49.73	6.10
32.00	17088.51	1395.348	99.97	.07	.024	53.22	9.58
40.30	34132.61	1104.651	99.98	.08	.038	58.74	15.10
50.80	68366.83	755.813	99.99	.00	.052	66.29	7.55
64.00	136708.10	639.534	99.99	.01	.088	79.08	20.33
80.60	273060.85	174.418	99.99	.01	.048	86.05	27.30
101.60	553419.97	174.418	100.00	.01	.096	99.99	41.25
128.00	1093664.77	.000	100.00	.01	.000	99.99	41.25
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		12185508.503			.688		

14/11/73 60.0 m

CARBON	104	mg m^{-3}
NITROGEN	12.0	mg m^{-3}
ATP	0. 202	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	2.74×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.74×10^{-3}
MICROZOOPLANKTON	1.20×10^{-3}
FAECAL PELLETS	0.0

DATE: 27/11/73 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9175373.134	44.70	44.70	.038	.78	.78
2.52	8.35	3664179.104	62.56	62.56	.030	1.40	1.40
3.17	16.77	2711194.029	75.77	75.77	.045	2.33	2.33
4.00	33.38	2210447.761	86.54	86.54	.074	3.84	3.84
5.04	66.76	1230597.014	92.53	92.53	.082	5.52	5.52
6.35	132.90	570895.522	95.32	95.32	.076	7.08	7.08
8.00	267.01	574626.865	98.12	98.12	.154	10.23	10.23
10.08	537.30	170895.522	98.95	98.95	.091	12.10	12.10
12.70	1068.23	63432.835	99.26	99.26	.068	13.49	13.49
16.00	2136.06	37313.432	99.44	99.44	.080	15.12	15.12
20.20	4298.42	30597.014	99.59	.14	.131	17.80	2.67
25.40	8545.85	23255.813	99.70	.26	.200	21.88	6.76
32.00	17088.51	17383.720	99.79	.34	.299	27.98	12.86
40.30	34132.61	14534.883	99.86	.41	.500	38.19	23.06
50.80	68366.83	18546.511	99.95	.09	1.276	64.23	26.04
64.00	136708.10	8430.232	99.99	.13	1.160	87.91	49.72
80.60	273060.85	639.534	99.99	.13	.176	91.50	53.31
101.60	553419.97	290.697	99.99	.13	.160	94.77	56.58
128.00	1093664.77	116.279	99.99	.13	.128	97.38	59.19
161.00	2184016.90	58.139	100.00	.00	.128	99.99	2.61
203.00	4377906.30	.000	100.00	.00	.000	99.99	2.61
TOTAL		20522808.051			4.899		

27/11/73 0 m

CARBON	340	mg m^{-3}
NITROGEN	50.0	mg m^{-3}
ATP	0.624	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	3.81×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.81×10^{-2}
MICROZOOPLANKTON	3.15×10^{-2}
FAECAL PELLETS	0.0

DATE: 27/11/73 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7566417.910	45.15	45.15	.031	1.26	1.26
2.52	8.35	2970149.253	62.87	62.87	.024	2.25	2.25
3.17	16.77	2507462.686	77.84	77.84	.042	3.93	3.93
4.00	33.38	1944029.850	89.44	89.44	.065	6.53	6.53
5.04	66.76	849253.731	94.51	94.51	.056	8.81	8.81
6.35	132.90	390298.507	96.84	96.84	.052	10.90	10.90
8.00	267.01	302238.805	98.64	98.64	.081	14.14	14.14
10.08	537.30	111194.029	99.30	99.30	.059	16.52	16.52
12.70	1068.23	29104.477	99.48	99.48	.031	17.77	17.77
16.00	2136.06	29850.746	99.65	99.65	.064	20.33	20.33
20.20	4298.42	13432.835	99.73	.08	.057	22.63	2.30
25.40	8545.85	11940.298	99.81	.15	.102	26.73	6.39
32.00	17088.51	12441.860	99.88	.22	.214	35.29	14.95
40.30	34132.61	8546.511	99.93	.27	.294	47.05	26.71
50.80	68366.83	7034.883	99.97	.04	.484	66.40	19.35
64.00	136708.10	3197.674	99.99	.06	.440	84.00	36.95
80.60	273060.85	58.139	99.99	.06	.016	84.64	37.59
101.60	553419.97	116.279	99.99	.06	.064	87.20	40.15
128.00	1093664.77	174.418	99.99	.06	.192	94.88	47.83
161.00	2184016.90	58.139	100.00	.00	.128	99.99	5.11
203.00	4377906.30	.000	100.00	.00	.000	99.99	5.11
TOTAL		16757001.040			2.500		

27/11/73 2.5 m

CARBON	306	mg m^{-3}
NITROGEN	37.0	mg m^{-3}
ATP	0.568	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.97×10^{-3}
FLAGELLATES	4.09×10^{-2}
DINOFLAGELLATES	5.49×10^{-2}
SILICOFLAGELLATES	3.03×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	9.81×10^{-2}
MICROZOOPLANKTON	2.20×10^{-3}
FAECAL PELLETS	0.0

DATE: 27/11/73 DEPTH: 5.0 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8367910.447	44.13	44.13	.035	.90	.90
2.52	8.35	3530597.014	62.75	62.75	.029	1.66	1.66
3.17	16.77	2711940.298	77.06	77.06	.045	2.84	2.84
4.00	33.38	1576865.671	85.38	85.38	.052	4.20	4.20
5.04	66.76	926865.671	90.27	90.27	.062	5.81	5.81
6.35	132.90	527611.940	93.05	93.05	.070	7.64	7.64
8.00	267.01	909701.492	97.85	97.85	.243	13.95	13.95
10.08	537.30	214179.104	98.98	98.98	.114	16.92	16.92
12.70	1068.23	57462.686	99.28	99.28	.061	18.51	18.51
16.00	2136.06	37313.432	99.48	99.48	.080	20.58	20.58
20.20	4298.42	20895.522	99.59	.11	.089	22.90	2.31
25.40	8545.85	22388.059	99.70	.22	.192	27.87	7.28
32.00	17088.51	18023.255	99.80	.32	.310	35.89	15.30
40.30	34132.61	17151.162	99.89	.41	.590	51.15	30.56
50.80	68366.83	15348.837	99.97	.08	1.056	78.47	27.32
64.00	136708.10	3837.209	99.99	.10	.528	92.13	40.98
80.60	273060.85	523.255	99.99	.10	.144	95.86	44.70
101.60	553419.97	174.418	99.99	.10	.096	98.34	47.18
128.00	1093664.77	58.139	100.00	.10	.064	99.99	48.84
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		18958847.621			3.865		

27/11/73 5.0 m

CARBON	239	mg m^{-3}
NITROGEN	29.0	mg m^{-3}
ATP	0.865	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	1.57×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.57×10^{-2}
MICROZOOPLANKTON	3.00×10^{-4}
FAECAL PELLETS	0.0

DATE: 27/11/73 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8330597.014	44.50	44.50	.034	1.04	1.04
2.52	8.35	3623134.328	63.86	63.86	.030	1.96	1.96
3.17	16.77	2473134.328	77.08	77.08	.041	3.20	3.20
4.00	33.38	1711194.029	86.22	86.22	.057	4.93	4.93
5.04	66.76	1029850.746	91.72	91.72	.069	7.00	7.00
6.35	132.90	564925.373	94.74	94.74	.075	9.28	9.28
8.00	267.01	338059.701	96.55	96.55	.090	12.01	12.01
10.08	537.30	350000.000	98.42	98.42	.187	17.66	17.66
12.70	1068.23	173134.328	99.34	99.34	.185	23.25	23.25
16.00	2136.06	35074.626	99.53	99.53	.075	25.51	25.51
20.20	4298.42	25373.134	99.66	.13	.108	28.79	3.27
25.40	8545.85	18656.716	99.76	.23	.160	33.61	8.09
32.00	17088.51	21569.767	99.88	.35	.371	44.78	19.26
40.30	34132.61	10058.139	99.93	.40	.346	55.19	29.68
50.80	68366.83	7790.697	99.97	.04	.536	71.33	16.13
64.00	136708.10	2848.837	99.99	.05	.392	83.13	27.94
80.60	273060.85	523.255	99.99	.05	.144	87.47	32.27
101.60	553419.97	290.697	99.99	.06	.160	92.29	37.09
128.00	1093664.77	232.558	100.00	.06	.256	99.99	44.80
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		18716448.281			3.321		

27/11/73 10.0 m

CARBON	430	mg m^{-3}
NITROGEN	57.0	mg m^{-3}
ATP	0.314	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.39×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	2.02×10^{-1}
SILICOFLAGELLATES	1.24×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	2.03×10^{-1}
MICROZOOPLANKTON	4.01×10^{-1}
FAECAL PELLETS	3.73×10^{-3}

DATE: 27/11/73 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8074626.865	49.13	49.13	.033	1.30	1.30
2.52	8.35	3338805.970	69.45	69.45	.027	2.38	2.38
3.17	16.77	2005970.149	81.65	81.65	.033	3.67	3.67
4.00	33.38	1373880.597	90.01	90.01	.046	5.45	5.45
5.04	66.76	729104.477	94.45	94.45	.048	7.33	7.33
6.35	132.90	387313.432	96.81	96.81	.051	9.34	9.34
8.00	267.01	261194.029	98.40	98.40	.070	12.04	12.04
10.08	537.30	124626.865	99.15	99.15	.066	14.62	14.62
12.70	1068.23	42537.313	99.41	99.41	.045	16.38	16.38
16.00	2136.06	23134.328	99.55	99.55	.049	18.29	18.29
20.20	4298.42	14179.104	99.64	.08	.060	20.64	2.34
25.40	8545.85	15813.953	99.74	.18	.136	25.89	7.59
32.00	17088.51	19418.604	99.85	.30	.334	38.78	20.48
40.30	34132.61	10406.976	99.92	.36	.358	52.60	34.30
50.80	68366.83	9127.906	99.97	.05	.628	76.84	24.23
64.00	136708.10	3081.395	99.99	.07	.424	93.20	40.60
80.60	273060.85	290.697	99.99	.07	.080	96.29	43.69
101.60	553419.97	58.139	99.99	.07	.032	97.52	44.92
128.00	1093664.77	58.139	100.00	.07	.064	99.99	47.39
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		16433628.947			2.590		

27/11/73 15.0 m

CARBON	260	mg m^{-3}
NITROGEN	34.0	mg m^{-3}
ATP	0.193	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	2.27×10^{-1}
SILICOFLAGELLATES	3.55×10^{-5}
SUBTOTAL OF PHYTOPLANKTON	2.27×10^{-1}
MICROZOOPLANKTON	1.61×10^{-2}
FAECAL PELLETS	0.0

DATE: 27/11/73 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	6933582.089	48.36	48.36	.029	2.24	2.24
2.52	8.35	3087313.432	69.90	69.90	.025	4.24	4.24
3.17	16.77	1883582.089	83.04	83.04	.031	6.68	6.68
4.00	33.38	1168656.716	91.19	91.19	.030	9.00	9.00
5.04	66.76	663432.835	95.82	95.82	.044	12.44	12.44
6.35	132.90	294029.850	97.87	97.87	.039	15.49	15.49
8.00	267.01	160447.761	98.99	98.99	.043	18.82	18.82
10.08	537.30	70895.522	99.48	99.48	.038	21.77	21.77
12.70	1068.23	24626.865	99.65	99.65	.026	23.81	23.81
16.00	2136.06	15671.641	99.76	99.76	.033	26.41	26.41
20.20	4298.42	3731.343	99.79	.02	.016	27.65	1.23
25.40	8545.85	9825.581	99.86	.09	.084	34.16	7.74
32.00	17088.51	8837.209	99.92	.15	.152	45.93	19.51
40.30	34132.61	5058.139	99.95	.19	.174	59.41	32.99
50.80	68366.83	4360.465	99.98	.03	.300	82.65	23.23
64.00	136708.10	1395.348	99.99	.04	.192	97.52	38.10
80.60	273060.85	.000	99.99	.04	.000	97.52	38.10
101.60	553419.97	58.139	100.00	.04	.032	99.99	40.58
128.00	1093664.77	.000	100.00	.04	.000	99.99	40.58
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		14335505.032			1.291		

27/11/73 20.0 m

CARBON	288	mg m^{-3}
NITROGEN	38.0	mg m^{-3}
ATP	0.159	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	3.13×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.13×10^{-2}
MICROZOOPLANKTON	9.40×10^{-3}
FAECAL PELLETS	0.0

DATE: 27/11/73 DEPTH: 30.0 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	4413432.835	49.78	49.78			
2.52	8.35	2093283.582	73.39	73.39	.018	.78	.78
3.17	16.77	1097761.194	85.77	85.77	.017	1.52	1.52
4.00	33.38	563432.835	92.13	92.13	.018	2.30	2.30
5.04	66.76	305970.149	95.58	95.58	.018	3.10	3.10
6.35	132.90	177611.940	97.58	97.58	.020	3.97	3.97
8.00	267.01	108208.955	98.80	98.80	.023	4.98	4.98
10.08	537.30	47761.194	99.34	99.34	.029	6.21	6.21
12.70	1068.23	16417.910	99.53	99.53	.025	7.30	7.30
16.00	2136.06	5970.149	99.59	99.59	.017	8.04	8.04
20.20	4298.42	3731.343	99.64	.04	.012	8.59	8.59
25.40	8545.85	4593.023	99.69	.09	.016	9.27	.67
32.00	17088.51	3430.232	99.73	.13	.039	10.92	2.33
40.30	34132.61	5639.534	99.79	.19	.059	13.43	4.84
50.80	68366.83	13430.232	99.94	.15	.194	21.67	13.08
64.00	136708.10	3662.790	99.98	.19	.924	60.92	39.24
80.60	273060.85	697.674	99.99	.20	.504	82.33	60.65
101.60	553419.97	406.976	100.00	.20	.192	90.48	68.81
128.00	1093664.77	.000	100.00	.20	.224	99.99	78.32
161.00	2184016.90	.000	100.00	.00	.000	99.99	78.32
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		8865442.554			2.354		.00

27/11/73 30.0 m

CARBON	116	mg m^{-3}
NITROGEN	12.0	mg m^{-3}
ATP	0.147	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	3.48×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.48×10^{-2}
MICROZOOPLANKTON	8.20×10^{-3}
FAECAL PELLETS	1.19×10^{-3}

DATE: 27/11/73 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	5757462.686	50.02	50.02	.024	4.26	4.26
2.52	8.35	2627611.940	72.85	72.85	.022	8.15	8.15
3.17	16.77	1350746.268	84.59	84.59	.022	12.15	12.15
4.00	33.38	751492.537	91.12	91.12	.025	16.59	16.59
5.04	66.76	518656.716	95.63	95.63	.034	22.73	22.73
6.35	132.90	247014.925	97.77	97.77	.033	28.59	28.59
8.00	267.01	155970.149	99.13	99.13	.041	35.98	35.98
10.08	537.30	51492.537	99.58	99.58	.027	40.87	40.87
12.70	1068.23	17910.447	99.73	99.73	.019	44.26	44.26
16.00	2136.06	11194.029	99.83	99.83	.024	48.51	48.51
20.20	4298.42	10872.093	99.92	.09	.046	56.65	8.13
25.40	8545.85	4302.325	99.96	.13	.037	63.19	14.68
32.00	17088.51	1627.906	99.97	.14	.028	68.15	19.63
40.30	34132.61	1279.069	99.99	.15	.044	75.93	27.42
50.80	68366.83	697.674	99.99	.00	.048	84.43	8.49
64.00	136708.10	290.697	99.99	.00	.040	91.50	15.56
80.60	273060.85	58.139	99.99	.00	.016	94.33	18.40
101.60	553419.97	58.139	100.00	.00	.032	99.99	24.06
128.00	1093664.77	.000	100.00	.00	.000	99.99	24.06
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		11508738.284			.565		

27/11/73 40.0 m

CARBON	110	mg m^{-3}
NITROGEN	19.0	mg m^{-3}
ATP	0.0792	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	0.0
MICROZOOPLANKTON	2.33×10^{-2}
FAECAL PELLETS	0.0

DATE: 27/11/73 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00							
2.52	4.17	6423134.328	52.19	52.19	.026	2.84	2.84
3.17	8.35	2796268.656	74.92	74.92	.023	5.32	5.32
4.00	16.77	1435074.626	86.58	86.58	.024	7.86	7.86
5.04	33.38	730597.014	92.51	92.51	.024	10.44	10.44
6.35	66.76	440298.507	96.09	96.09	.029	13.57	13.57
8.00	132.90	266417.910	98.26	98.26	.035	17.35	17.35
10.08	267.01	129850.746	99.31	99.31	.034	21.04	21.04
12.70	537.30	46268.656	99.69	99.69	.024	23.67	23.67
16.00	1068.23	17910.447	99.83	99.83	.019	25.71	25.71
20.20	2136.06	5223.880	99.88	99.88	.011	26.89	26.89
25.40	4298.42	4477.611	99.91	.03	.019	28.93	2.03
32.00	8545.85	2985.074	99.94	.06	.025	31.64	4.74
40.30	17088.51	2383.720	99.96	.08	.041	35.98	9.09
50.80	34132.61	1976.744	99.97	.09	.068	43.19	16.29
64.00	68366.83	1279.069	99.98	.01	.088	52.52	9.32
80.60	136708.10	697.674	99.99	.01	.096	62.69	19.49
101.60	273060.85	348.837	99.99	.01	.096	72.86	29.67
128.00	553419.97	465.116	100.00	.02	.256	99.99	56.80
161.00	1093664.77	.000	100.00	.02	.000	99.99	56.80
203.00	2184016.90	.000	100.00	.00	.000	99.99	.00
	4377906.30	.000	100.00	.00	.000		.00
TOTAL		12305658.624			.943		

27/11/73 60.0 m

CARBON	105	mg m^{-3}
NITROGEN	11.0	mg m^{-3}
ATP	0.132	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.14×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	1.47×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.48×10^{-2}
MICROZOOPLANKTON	9.02×10^{-2}
FAECAL PELLETS	4.24×10^{-4}

DATE: 13/12/73 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	22742537.313	51.01	51.01	.095	2.11	2.11
2.52	8.35	11802238.805	77.48	77.48	.098	4.30	4.30
3.17	16.77	40298.507	77.57	77.57	.120	6.98	6.98
4.00	33.38	4302985.074	87.22	87.22	.144	10.18	10.18
5.04	66.76	2977611.940	93.90	93.90	.199	14.61	14.61
6.35	132.90	1420895.522	97.09	97.09	.190	18.83	18.83
8.00	267.01	804477.611	98.89	98.89	.215	23.62	23.62
10.08	537.30	289552.238	99.54	99.54	.155	27.07	27.07
12.70	1068.23	100746.268	99.77	99.77	.108	29.46	29.46
16.00	2136.06	42537.313	99.86	99.86	.091	31.49	31.49
20.20	4298.42	16569.767	99.90	.03	.071	33.06	1.57
25.40	8545.85	7034.883	99.92	.05	.060	34.40	2.90
32.00	17088.51	6453.488	99.93	.06	.111	36.86	5.37
40.30	34132.61	14302.325	99.96	.09	.492	47.78	16.29
50.80	68366.83	9302.325	99.98	.02	.640	61.99	14.20
64.00	136708.10	1860.465	99.99	.02	.256	67.67	19.89
80.60	273060.85	1453.488	99.99	.02	.400	76.55	28.77
101.60	553419.97	1104.651	99.99	.03	.608	90.05	42.26
128.00	1093664.77	174.418	99.99	.03	.192	94.31	46.53
161.00	2184016.90	116.279	100.00	.00	.256	99.99	5.68
203.00	4377906.30	.000	100.00	.00	.000	99.99	5.68
TOTAL		44582252.689			4.504		

13/12/73 0 m

CARBON	509	mg m^{-3}
NITROGEN	77.0	mg m^{-3}
ATP	0.735	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.52×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	5.92×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	7.44×10^{-2}
MICROZOOPLANKTON	5.20×10^{-2}
FAECAL PELLETS	2.97×10^{-3}

DATE: 13/12/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	13902985.074	44.27	44.27	.058	2.15	2.15
2.52	8.35	6625373.134	65.37	65.37	.055	4.20	4.20
3.17	16.77	4238059.701	78.86	78.86	.070	6.82	6.82
4.00	33.38	2832835.820	87.88	87.88	.094	10.33	10.33
5.04	66.76	1988805.970	94.21	94.21	.133	15.25	15.25
6.35	132.90	988805.970	97.36	97.36	.132	20.15	20.15
8.00	267.01	555223.880	99.13	99.13	.148	25.66	25.66
10.08	537.30	161194.029	99.64	99.64	.086	28.85	28.85
12.70	1068.23	41044.776	99.78	99.78	.044	30.48	30.48
16.00	2136.06	19402.985	99.84	99.84	.041	32.02	32.02
20.20	4298.42	5872.093	99.86	.01	.025	32.94	.92
25.40	8545.85	5697.674	99.87	.03	.049	34.76	2.73
32.00	17088.51	7209.302	99.90	.05	.124	39.34	7.32
40.30	34132.61	17209.302	99.95	.11	.592	61.24	29.21
50.80	68366.83	12325.581	99.99	.03	.848	92.60	31.36
64.00	136708.10	988.372	99.99	.04	.136	97.63	36.39
80.60	273060.85	232.558	100.00	.04	.064	99.99	38.75
101.60	553419.97	.000	100.00	.04	.000	99.99	38.75
128.00	1093664.77	.000	100.00	.04	.000	99.99	38.75
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		31403266.226			2.703		

13/12/73 2.5 m

CARBON	790	mg m^{-3}
NITROGEN	59.0	mg m^{-3}
ATP	0.318	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.52×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	1.51×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.52×10^{-1}
MICROZOOPLANKTON	5.42×10^{-2}
FAECAL PELLETS	3.35×10^{-3}

DATE: 13/12/73 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9982089.552	46.81	46.81	.041	.98	.98
2.52	8.35	5653731.343	73.32	73.32	.047	2.11	2.11
3.17	16.77	2021641.791	82.80	82.80	.033	2.91	2.91
4.00	33.38	1657462.686	90.58	90.58	.055	4.22	4.22
5.04	66.76	1132089.552	95.89	95.89	.075	6.02	6.02
6.35	132.90	456716.417	98.03	98.03	.061	7.47	7.47
8.00	267.01	285074.626	99.37	99.37	.076	9.29	9.29
10.08	537.30	746.268	99.37	99.37	.078	11.14	11.14
12.70	1068.23	39552.238	99.55	99.55	.042	12.14	12.14
16.00	2136.06	16417.910	99.63	99.63	.035	12.98	12.98
20.20	4298.42	11453.488	99.69	.05	.040	13.93	.94
25.40	8545.85	8139.534	99.72	.09	.070	15.59	2.60
32.00	17088.51	7558.139	99.76	.12	.130	18.67	5.69
40.30	34132.61	25930.232	99.88	.24	.892	39.83	26.85
50.80	68366.83	21976.744	99.98	.10	1.512	75.70	35.86
64.00	136708.10	1395.348	99.99	.10	.192	80.26	40.42
80.60	273060.85	348.837	99.99	.11	.096	82.53	42.70
101.60	553419.97	58.139	99.99	.11	.032	83.29	43.46
128.00	1093664.77	523.255	99.99	.11	.576	96.96	57.12
161.00	2184016.90	58.139	100.00	.00	.128	99.99	3.03
203.00	4377906.30	.000	100.00	.00	.000	99.99	3.03
TOTAL		21322964.247			4.215		

13/12/73 5.0 m

CARBON	685	mg m^{-3}
NITROGEN	41.0	mg m^{-3}
ATP	0.213	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.00×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	3.17×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.17×10^{-1}
MICROZOOPLANKTON	7.56×10^{-2}
FAECAL PELLETS	2.20×10^{-3}

DATE: 13/12/73 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10837313.432	46.18	46.18	.045	1.35	1.35
2.52	8.35	5901492.537	71.33	71.33	.049	2.83	2.83
3.17	16.77	2538805.970	82.15	82.15	.042	4.10	4.10
4.00	33.38	1717910.447	89.47	89.47	.057	5.82	5.82
5.04	66.76	1191791.044	94.55	94.55	.079	8.20	8.20
6.35	132.90	627611.940	97.22	97.22	.084	10.72	10.72
8.00	267.01	341791.044	98.68	98.68	.091	13.46	13.46
10.08	537.30	160447.761	99.36	99.36	.086	16.03	16.03
12.70	1068.23	56716.417	99.60	99.60	.060	17.85	17.85
16.00	2136.06	27611.940	99.72	99.72	.059	19.62	19.62
20.20	4298.42	9476.744	99.76	.04	.040	20.81	1.19
25.40	8545.85	6569.767	99.79	.06	.056	22.49	2.87
32.00	17088.51	5465.116	99.81	.09	.094	25.30	5.68
40.30	34132.61	21337.209	99.90	.18	.734	47.25	27.62
50.80	68366.83	19127.906	99.99	.08	1.316	86.60	39.35
64.00	136708.10	1744.186	99.99	.08	.240	93.78	46.52
80.60	273060.85	58.139	99.99	.08	.016	94.25	47.00
101.60	553419.97	116.279	99.99	.08	.064	96.17	48.92
128.00	1093664.77	116.279	100.00	.09	.128	99.99	51.74
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		23465504.164			3.344		

13/12/73 10.0 m

CARBON	430	mg m^{-3}
NITROGEN	61.0	mg m^{-3}
ATP	0.0548	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	1.60×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.60×10^{-1}
MICROZOOPLANKTON	1.04×10^{-1}
FAECAL PELLETS	1.48×10^{-3}

DATE: 13/12/73 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10425373.134	51.72	51.72	.043	3.07	3.07
2.52	8.35	4617910.447	74.64	74.64	.038	5.78	5.78
3.17	16.77	2547761.194	87.28	87.28	.042	8.78	8.78
4.00	33.38	1121641.791	92.84	92.84	.037	11.43	11.43
5.04	66.76	679850.746	96.22	96.22	.045	14.63	14.63
6.35	132.90	329104.477	97.85	97.85	.044	17.74	17.74
8.00	267.01	223134.328	98.96	98.96	.059	21.95	21.95
10.08	537.30	118656.716	99.55	99.55	.063	26.43	26.43
12.70	1068.23	40298.507	99.75	99.75	.043	29.47	29.47
16.00	2136.06	21641.791	99.85	99.85	.046	32.74	32.74
20.20	4298.42	5348.837	99.88	.02	.023	34.36	1.61
25.40	8545.85	5755.813	99.91	.05	.049	37.81	5.07
32.00	17088.51	4011.627	99.93	.07	.069	42.67	9.93
40.30	34132.61	7267.441	99.96	.11	.250	60.27	27.53
50.80	68366.83	5639.534	99.99	.02	.388	87.60	27.32
64.00	136708.10	465.116	99.99	.03	.064	92.11	31.83
80.60	273060.85	58.139	99.99	.03	.016	93.23	32.96
101.60	553419.97	58.139	99.99	.03	.032	95.49	35.21
128.00	1093664.77	58.139	100.00	.03	.064	99.99	39.72
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		20154035.924			1.419		

13/12/73 15.0 m

CARBON	460	mg m^{-3}
NITROGEN	54.0	mg m^{-3}
ATP	0.191	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	1.99×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.99×10^{-1}
MICROZOOPLANKTON	9.17×10^{-2}
FAECAL PELLETS	0.0

DATE: 13/12/73 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8295522.388	50.24	50.24	.034	2.50	2.50
2.52	8.35	4478358.208	77.36	77.36	.037	5.20	5.20
3.17	16.77	1720149.253	87.78	87.78	.028	7.27	7.27
4.00	33.38	905970.149	93.27	93.27	.030	9.46	9.46
5.04	66.76	532089.552	96.49	96.49	.035	12.02	12.02
6.35	132.90	276865.671	98.17	98.17	.037	14.70	14.70
8.00	267.01	144029.850	99.04	99.04	.038	17.48	17.48
10.08	537.30	79104.477	99.52	99.52	.042	20.53	20.53
12.70	1068.23	34328.358	99.73	99.73	.036	23.19	23.19
16.00	2136.06	13432.835	99.81	99.81	.028	25.26	25.26
20.20	4298.42	8895.348	99.86	.05	.038	28.00	2.73
25.40	8545.85	3895.348	99.88	.07	.033	30.38	5.11
32.00	17088.51	4418.604	99.91	.10	.076	35.86	10.59
40.30	34132.61	7500.000	99.96	.14	.258	54.45	29.18
50.80	68366.83	4883.720	99.99	.02	.336	78.66	24.21
64.00	136708.10	1104.651	99.99	.03	.152	89.62	35.16
80.60	273060.85	290.697	99.99	.03	.080	95.38	40.93
101.60	553419.97	116.279	100.00	.03	.064	99.99	45.54
128.00	1093664.77	.000	100.00	.03	.000	99.99	45.54
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		16510955.396			1.387		

13/12/73 20.0 m

CARBON	336	mg m^{-3}
NITROGEN	51.0	mg m^{-3}
ATP	0.147	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.40×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	2.64×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.78×10^{-2}
MICROZOOPLANKTON	5.96×10^{-2}
FAECAL PELLETS	0.0

DATE: 13/12/73 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9686567.164	56.74	56.74	.040	3.27	3.27
2.52	8.35	3194029.850	75.45	75.45	.026	5.43	5.43
3.17	16.77	2970149.253	92.85	92.85	.049	9.44	9.44
4.00	33.38	607462.686	96.41	96.41	.020	11.08	11.08
5.04	66.76	302985.074	98.19	98.19	.020	12.72	12.72
6.35	132.90	155970.149	99.10	99.10	.020	14.41	14.41
8.00	267.01	65671.641	99.48	99.48	.017	15.83	15.83
10.08	537.30	29104.477	99.66	99.66	.015	17.10	17.10
12.70	1068.23	18656.716	99.76	99.76	.020	18.71	18.71
16.00	2136.06	9701.492	99.82	99.82	.020	20.39	20.39
20.20	4298.42	6860.465	99.86	.04	.029	22.74	2.34
25.40	8545.85	5000.000	99.89	.06	.043	26.21	5.81
32.00	17088.51	3546.511	99.91	.09	.061	31.14	10.74
40.30	34132.61	7674.418	99.96	.13	.264	52.48	32.08
50.80	68366.83	5872.093	99.99	.03	.404	85.13	32.64
64.00	136708.10	523.255	99.99	.03	.072	90.94	38.46
80.60	273060.85	58.139	99.99	.03	.016	92.24	39.76
101.60	553419.97	58.139	99.99	.03	.032	94.82	42.34
128.00	1093664.77	58.139	100.00	.03	.064	99.99	47.51
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		17069949.669			1.237		

13/12/73 30.0 m

CARBON	239	mg m^{-3}
NITROGEN	25.0	mg m^{-3}
ATP	0.0816	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	2.74×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.74×10^{-2}
MICROZOOPLANKTON	5.14×10^{-2}
FAECAL PELLETS	7.10×10^{-3}

DATE: 13/12/73 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8671641.791	53.90	53.90	.036	5.14	5.14
2.52	8.35	4032089.552	78.96	78.96	.033	9.91	9.91
3.17	16.77	2311194.029	93.33	93.33	.038	15.39	15.39
4.00	33.38	580597.014	96.94	96.94	.019	18.13	18.13
5.04	66.76	267164.179	98.60	98.60	.017	20.67	20.67
6.35	132.90	119402.985	99.34	99.34	.016	22.93	22.93
8.00	267.01	57462.686	99.70	99.70	.015	25.12	25.12
10.08	537.30	23134.328	99.84	99.84	.012	26.87	26.87
12.70	1068.23	5223.880	99.87	99.87	.005	27.66	27.66
16.00	2136.06	2238.805	99.89	99.89	.004	28.34	28.34
20.20	4298.42	6716.417	99.93	.04	.028	32.42	4.07
25.40	8545.85	2985.074	99.95	.06	.025	36.05	7.70
32.00	17088.51	1492.537	99.96	.06	.025	39.67	11.32
40.30	34132.61	3313.953	99.98	.09	.114	55.81	27.47
50.80	68366.83	1511.627	99.99	.00	.104	70.54	14.72
64.00	136708.10	581.395	99.99	.01	.080	81.87	26.05
80.60	273060.85	465.116	100.00	.01	.128	99.99	44.18
101.60	553419.97	.000	100.00	.01	.000	99.99	44.18
128.00	1093664.77	.000	100.00	.01	.000	99.99	44.18
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		16087215.375			.706		

13/12/73 40.0 m

CARBON	178	mg m^{-3}
NITROGEN	16.0	mg m^{-3}
ATP	0.038	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	3.47×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.47×10^{-3}
MICROZOOPLANKTON	1.05×10^{-2}
FAECAL PELLETS	0.0

DATE: 13/12/73 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10188805.970	57.85	57.85	.042	7.17	7.17
2.52	8.35	3016417.910	74.97	74.97	.025	11.42	11.42
3.17	16.77	2907462.686	91.48	91.48	.048	19.62	19.62
4.00	33.38	759701.492	95.79	95.79	.025	23.90	23.90
5.04	66.76	374626.865	97.92	97.92	.025	28.13	28.13
6.35	132.90	191044.776	99.01	99.01	.025	32.44	32.44
8.00	267.01	102985.074	99.59	99.59	.027	37.09	37.09
10.08	537.30	35820.895	99.79	99.79	.019	40.33	40.33
12.70	1068.23	17164.179	99.89	99.89	.018	43.42	43.42
16.00	2136.06	10447.761	99.95	99.95	.022	47.20	47.20
20.20	4298.42	1492.537	99.96	.00	.006	48.28	1.07
25.40	8545.85	2965.116	99.98	.02	.025	52.49	5.28
32.00	17088.51	1627.906	99.99	.03	.028	57.21	10.00
40.30	34132.61	988.372	99.99	.04	.034	62.93	15.73
50.80	68366.83	174.418	99.99	.00	.012	64.95	2.02
64.00	136708.10	116.279	99.99	.00	.016	67.65	4.71
80.60	273060.85	232.558	99.99	.00	.064	78.43	15.49
101.60	553419.97	232.558	100.00	.00	.128	99.99	37.06
128.00	1093664.77	.000	100.00	.00	.000	99.99	37.06
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		17612307.357			.593		

13/12/73 60.0 m

CARBON	154	mg m^{-3}
NITROGEN	17.0	mg m^{-3}
ATP	0.0652	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	2.17×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.17×10^{-1}
MICROZOOPLANKTON	1.10×10^{-2}
FAECAL PELLETS	5.49×10^{-3}

DATE: 3/ 1/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	13435820.895	40.53	40.53	.056	1.57	1.57
2.52	8.35	9160447.761	68.17	68.17	.076	3.72	3.72
3.17	16.77	4320895.522	81.20	81.20	.072	5.75	5.75
4.00	33.38	3055223.880	90.42	90.42	.102	8.62	8.62
5.04	66.76	1790298.507	95.82	95.82	.119	11.98	11.98
6.35	132.90	326865.671	96.81	96.81	.113	15.17	15.17
8.00	267.01	458208.955	98.19	98.19	.122	18.61	18.61
10.08	537.30	297014.925	99.09	99.09	.159	23.07	23.07
12.70	1068.23	165671.641	99.59	99.59	.177	28.05	28.05
16.00	2136.06	65058.139	99.78	99.78	.139	31.95	31.95
20.20	4298.42	30058.139	99.87	.09	.129	35.57	3.61
25.40	8545.85	16104.651	99.92	.13	.138	39.44	7.48
32.00	17088.51	9069.767	99.95	.16	.156	43.81	11.85
40.30	34132.61	7674.418	99.97	.18	.264	51.21	19.26
50.80	68366.83	4244.186	99.98	.01	.292	59.40	8.18
64.00	136708.10	1453.488	99.99	.01	.200	65.01	13.79
80.60	273060.85	697.674	99.99	.01	.192	70.39	19.17
101.60	553419.97	639.534	99.99	.02	.352	80.26	29.04
128.00	1093664.77	523.255	99.99	.02	.576	96.41	45.19
161.00	2184016.90	58.139	100.00	.00	.128	99.99	3.58
203.00	4377906.30	.000	100.00	.00	.000	99.99	3.58
TOTAL		33146029.155			3.566		

03/01/74 0 m

CARBON	173	mg m^{-3}
NITROGEN	23.0	mg m^{-3}
ATP	0.040	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	5.64×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	5.64×10^{-2}
MICROZOOPLANKTON	2.00×10^{-2}
FAECAL PELLETS	2.47×10^{-3}

DATE: 3/ 1/74 DEPTH: 2.5 M AREA: DB

SIZE	PARTICLE VOLUME	NUMBER per 1	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11397014.925	41.50	41.50	.047	1.66	1.66
2.52	8.35	8058955.223	70.85	70.85	.067	4.02	4.02
3.17	16.77	3543283.582	83.76	83.76	.059	6.10	6.10
4.00	33.38	2076119.402	91.32	91.32	.069	8.53	8.53
5.04	66.76	1113432.835	95.37	95.37	.074	11.14	11.14
6.35	132.90	621641.791	97.64	97.64	.083	14.06	14.06
8.00	267.01	311940.298	98.77	98.77	.083	16.99	16.99
10.08	537.30	188805.970	99.46	99.46	.101	20.53	20.53
12.70	1068.23	76119.402	99.74	99.74	.081	23.38	23.38
16.00	2136.06	41791.044	99.89	99.89	.089	26.52	26.52
20.20	4298.42	11744.186	99.93	.04	.050	28.27	1.75
25.40	8545.85	6337.209	99.95	.06	.054	30.16	3.64
32.00	17088.51	3662.790	99.97	.07	.063	32.37	5.84
40.30	34132.61	3488.372	99.98	.09	.120	36.57	10.04
50.80	68366.83	1686.046	99.99	.00	.116	40.63	4.06
64.00	136708.10	465.116	99.99	.00	.064	42.87	6.30
80.60	273060.85	465.116	99.99	.00	.128	47.35	10.78
101.60	553419.97	523.255	99.99	.01	.288	57.43	20.86
128.00	1093664.77	523.255	99.99	.01	.576	77.59	41.02
161.00	2184016.90	290.697	100.00	.00	.640	99.99	22.40
203.00	4377906.30	.000	100.00	.00	.000	99.99	22.40
TOTAL		27458290.523			2.856		

03/01/74 2.5 m

CARBON	148	mg m^{-3}
NITROGEN	20.0	mg m^{-3}
ATP	0.060	mg m^{-3}

	VOLUME (PPM)
DIATOMS	8.15×10^{-3}
FLAGELLATES	1.06×10^{-4}
DINOFLAGELLATES	3.73×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.56×10^{-2}
MICROZOOPLANKTON	1.75×10^{-2}
FAECAL PELLETS	1.06×10^{-3}

DATE: 3/ 1/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10724626.865	41.86	41.86	.044	.88	.88
2.52	8.35	7870895.522	72.59	72.59	.065	2.19	2.19
3.17	16.77	3129104.477	84.81	84.81	.052	3.23	3.23
4.00	33.38	1880597.014	92.15	92.15	.063	4.47	4.47
5.04	66.76	973134.328	95.95	95.95	.065	5.77	5.77
6.35	132.90	467164.179	97.77	97.77	.062	7.00	7.00
8.00	267.01	271641.791	98.84	98.84	.072	8.45	8.45
10.08	537.30	135820.895	99.37	99.37	.072	9.89	9.89
12.70	1068.23	61940.298	99.61	99.61	.066	11.20	11.20
16.00	2136.06	38059.701	99.76	99.76	.081	12.82	12.82
20.20	4298.42	16417.910	99.82	.06	.070	14.21	1.39
25.40	8545.85	8488.372	99.85	.09	.073	15.66	2.83
32.00	17088.51	8779.069	99.89	.13	.151	18.65	5.82
40.30	34132.61	8372.093	99.92	.16	.288	24.35	11.53
50.80	68366.83	9011.627	99.96	.03	.620	36.63	12.27
64.00	136708.10	4651.162	99.97	.05	.640	49.30	24.95
80.60	273060.85	3488.372	99.99	.06	.960	68.31	43.96
101.60	553419.97	1279.069	99.99	.07	.704	82.25	57.90
128.00	1093664.77	697.674	99.99	.07	.768	97.46	73.10
161.00	2184016.90	58.139	100.00	.00	.128	99.99	2.53
203.00	4377906.30	.000	100.00	.00	.000	99.99	2.53
TOTAL		25614228.565			5.050		

09

03/01/74 5.0 m

CARBON	207	mg m^{-3}
NITROGEN	26.0	mg m^{-3}
ATP	0.136	mg m^{-3}

	VOLUME (PPM)
DIATOMS	6.51×10^{-4}
FLAGELLATES	4.02×10^{-5}
DINOFLAGELLATES	9.56×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	9.56×10^{-2}
MICROZOOPLANKTON	2.73×10^{-2}
FAECAL PELLETS	4.19×10^{-3}

DATE: 3/ 1/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7851492.537	46.45	46.45	.032	2.33	2.33
2.52	8.35	5661194.029	79.94	79.94	.047	5.70	5.70
3.17	16.77	1656716.417	89.74	89.74	.027	7.67	7.67
4.00	33.38	796268.656	94.45	94.45	.026	9.57	9.57
5.04	66.76	426865.671	96.98	96.98	.028	11.60	11.60
6.35	132.90	219402.985	98.27	98.27	.029	13.70	13.70
8.00	267.01	151492.537	99.17	99.17	.040	16.58	16.58
10.08	537.30	69402.985	99.58	99.58	.037	19.23	19.23
12.70	1068.23	41044.776	99.82	99.82	.044	22.36	22.36
16.00	2136.06	12686.567	99.90	99.90	.027	24.30	24.30
20.20	4298.42	8955.223	99.95	.05	.038	27.03	2.73
25.40	8545.85	4477.611	99.98	.07	.038	29.77	5.46
32.00	17088.51	746.268	99.98	.08	.012	30.68	6.37
40.30	34132.61	988.372	99.99	.08	.034	33.10	8.79
50.80	68366.83	290.697	99.99	.00	.020	34.52	1.42
64.00	136708.10	174.418	99.99	.00	.024	36.23	3.13
80.60	273060.85	116.279	99.99	.00	.032	38.50	5.40
101.60	553419.97	58.139	99.99	.00	.032	40.78	7.68
128.00	1093664.77	174.418	99.99	.00	.192	54.45	21.35
161.00	2184016.90	174.418	99.99	.00	.384	81.78	27.32
203.00	4377906.30	58.139	100.00	.00	.256	99.99	45.54
TOTAL		16902781.151			1.405		

03/01/74 10.0 m

CARBON	170	mg m^{-3}
NITROGEN	23.0	mg m^{-3}
ATP	0.060	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	2.71×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.71×10^{-2}
MICROZOOPLANKTON	7.20×10^{-2}
FAECAL PELLETS	3.10×10^{-3}

DATE: 3/ 1/74 DLPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	6452238.305	42.84	42.84	.027	2.22	2.22
2.52	8.35	4230597.014	71.26	71.26	.035	5.18	5.18
3.17	16.77	1861940.298	83.63	83.63	.031	7.75	7.75
4.00	33.38	1109701.492	91.00	91.00	.037	10.81	10.81
5.04	66.76	621641.791	95.12	95.12	.041	14.25	14.25
6.35	132.90	325373.134	97.28	97.28	.043	17.85	17.85
8.00	267.01	193283.582	98.57	98.57	.051	22.13	22.13
10.08	537.30	111194.029	99.31	99.31	.059	27.05	27.05
12.70	1068.23	60447.761	99.71	99.71	.064	32.40	32.40
16.00	2136.06	19402.985	99.84	99.84	.041	35.83	35.83
20.20	4298.42	11194.029	99.91	.07	.048	39.80	3.96
25.40	8545.85	5523.255	99.95	.11	.047	43.68	7.84
32.00	17088.51	3488.372	99.97	.13	.060	48.63	12.79
40.30	34132.61	1918.604	99.98	.14	.066	54.08	18.24
50.80	68366.83	988.372	99.99	.00	.068	59.70	5.61
64.00	136708.10	406.976	99.99	.00	.056	64.32	10.23
80.60	273060.85	174.418	99.99	.01	.048	68.29	14.20
101.60	553419.97	116.279	99.99	.01	.064	73.57	19.48
128.00	1093664.77	174.418	99.99	.01	.192	89.43	35.34
161.00	2184016.90	58.139	100.00	.00	.128	99.99	10.56
203.00	4377906.30	.000	100.00	.00	.000	99.99	10.56
TOTAL		15059863.761			1.211		

03/01/74 15.0 m

CARBON	182	mg m^{-3}
NITROGEN	21.0	mg m^{-3}
ATP	0.060	mg m^{-3}

	VOLUME (PPM)
DIATOMS	9.42×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	8.43×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	8.43×10^{-2}
MICROZOOPLANKTON	2.04×10^{-1}
FAECAL PELLETS	0.0

DATE: 3/ 1/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	4994776.119	42.20	42.20	.020	1.20	1.20
2.52	8.35	3828358.208	74.55	74.55	.032	3.03	3.03
3.17	16.77	1423880.597	86.58	86.58	.023	4.40	4.40
4.00	33.38	781343.283	93.18	93.18	.026	5.90	5.90
5.04	66.76	451492.537	97.00	97.00	.030	7.63	7.63
6.35	132.90	185820.895	98.57	98.57	.024	9.06	9.06
8.00	267.01	89552.238	99.32	99.32	.024	10.44	10.44
10.08	537.30	41791.044	99.68	99.68	.022	11.73	11.73
12.70	1068.23	15671.641	99.81	99.81	.016	12.69	12.69
16.00	2136.06	10447.761	99.90	99.90	.022	13.98	13.98
20.20	4290.42	3731.343	99.93	.03	.016	14.90	.91
25.40	8545.85	2093.023	99.95	.04	.018	15.93	1.95
32.00	17088.51	1279.069	99.96	.06	.022	17.19	3.21
40.30	34132.61	2034.883	99.97	.07	.070	21.21	7.23
50.80	68366.83	872.093	99.98	.00	.060	24.66	3.44
64.00	136708.10	348.837	99.98	.01	.048	27.41	6.20
80.60	273060.85	406.976	99.99	.01	.112	33.85	12.63
101.60	553419.97	348.837	99.99	.01	.192	44.87	23.65
128.00	1093664.77	290.697	99.99	.01	.320	63.25	42.03
161.00	2184016.90	290.697	100.00	.00	.640	99.99	36.74
203.00	4377906.30	.000	100.00	.00	.000	99.99	36.74
TOTAL		11834830.787			1.741		

03/01/74 20.0 m

CARBON	113	mg m^{-3}
NITROGEN	16.0	mg m^{-3}
ATP	0.080	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	0.0
MICROZOOPLANKTON	1.31×10^{-1}
FAECAL PELLETS	0.0

DATE: 3/ 1/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7801492.537	40.65	40.65	.032	2.21	2.21
2.52	8.35	6798507.462	76.07	76.07	.056	6.06	6.06
3.17	16.77	2281343.283	87.96	87.96	.038	8.65	8.65
4.00	33.38	1126565.671	93.83	93.83	.037	11.21	11.21
5.04	66.76	564925.373	96.78	96.78	.037	13.77	13.77
6.35	132.90	308955.223	98.39	98.39	.041	16.58	16.58
8.00	267.01	171641.791	99.28	99.28	.046	19.70	19.70
10.08	537.30	73880.597	99.67	99.67	.039	22.38	22.38
12.70	1068.23	29850.746	99.82	99.82	.032	24.55	24.55
16.00	2136.06	19402.985	99.92	99.92	.041	27.37	27.37
20.20	4298.42	6337.209	99.96	.03	.027	29.21	1.83
25.40	8545.85	3372.093	99.97	.05	.029	31.17	3.79
32.00	17088.51	988.372	99.98	.05	.017	32.32	4.94
40.30	34132.61	988.372	99.99	.06	.034	34.63	7.25
50.80	68366.83	523.255	99.99	.00	.036	37.07	2.44
64.00	136708.10	465.116	99.99	.00	.064	41.41	6.78
80.60	273060.85	348.837	99.99	.00	.096	47.92	13.28
101.60	553419.97	116.279	99.99	.00	.064	52.26	17.62
128.00	1093664.77	290.697	99.99	.00	.320	73.96	39.32
161.00	2184016.90	174.418	100.00	.00	.384	99.99	26.03
203.00	4377906.30	.000	100.00	.00	.000	99.99	26.03
TOTAL		19190470.321			1.474		

03/01/74 30.0 m

CARBON	213	mg m^{-3}
NITROGEN	23.0	mg m^{-3}
ATP	0.064	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	5.91×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	5.91×10^{-3}
MICROZOOPLANKTON	1.10×10^{-3}
FAECAL PELLETS	0.0

DATE: 3/ 1/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8712686.567	42.58	42.58	.036	6.17	6.17
2.52	8.35	7532089.552	79.39	79.39	.063	16.86	16.86
3.17	16.77	2189552.238	90.09	90.09	.036	23.07	23.07
4.00	33.38	1019402.985	95.07	95.07	.034	28.85	28.85
5.04	66.76	529850.746	97.66	97.66	.035	34.87	34.87
6.35	132.90	270895.522	98.98	98.98	.036	41.03	41.03
8.00	267.01	117910.447	99.56	99.56	.031	46.39	46.39
10.08	537.30	48507.462	99.80	99.80	.026	50.80	50.80
12.70	1068.23	22388.059	99.91	99.91	.024	54.87	54.87
16.00	2136.06	10447.761	99.96	99.96	.022	58.67	58.67
20.20	4298.42	2238.805	99.97	.01	.009	60.30	1.62
25.40	8545.85	2209.302	99.98	.02	.019	63.52	4.85
32.00	17088.51	1569.767	99.99	.02	.027	68.10	9.43
40.30	34132.61	465.116	99.99	.03	.016	70.82	12.14
50.80	68366.83	523.255	99.99	.00	.036	76.92	6.10
64.00	136708.10	290.697	99.99	.00	.040	83.71	12.89
80.60	273060.85	.000	99.99	.00	.000	83.71	12.89
101.60	553419.97	58.139	99.99	.00	.032	89.14	18.32
128.00	1093664.77	58.139	100.00	.00	.064	99.99	29.17
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		20461144.566			.589		

03/01/74 40.0 m

CARBON	160	mg m^{-3}
NITROGEN	17.0	mg m^{-3}
ATP	0.036	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	3.61×10^{-5}
DINOFLAGELLATES	3.48×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.52×10^{-3}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 3/ 1/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12317164.179	48.09	48.09	.051	2.85	2.85
2.52	8.35	6788059.701	74.60	74.60	.056	6.00	6.00
3.17	16.77	2950000.000	86.12	86.12	.049	8.74	8.74
4.00	33.38	1510447.761	92.01	92.01	.050	11.55	11.55
5.04	66.76	914925.373	95.59	95.59	.061	14.95	14.95
6.35	132.90	516417.910	97.60	97.60	.069	18.79	18.79
8.00	267.01	292537.313	98.75	98.75	.078	23.14	23.14
10.08	537.30	147761.194	99.32	99.32	.079	27.53	27.53
12.70	1068.23	94029.850	99.69	99.69	.100	33.12	33.12
16.00	2136.06	39552.238	99.84	99.84	.084	37.83	37.83
20.20	4298.42	20895.522	99.93	.08	.089	42.80	4.97
25.40	8545.85	11194.029	99.97	.12	.096	48.13	10.29
32.00	17088.51	3313.953	99.98	.13	.057	51.29	13.45
40.30	34132.61	1686.046	99.99	.14	.058	54.51	16.67
50.80	68366.83	406.976	99.99	.00	.028	56.06	1.55
64.00	136708.10	174.418	99.99	.00	.024	57.39	2.88
80.60	273060.85	465.116	99.99	.00	.128	64.49	9.98
101.60	553419.97	348.837	99.99	.00	.192	75.14	20.63
128.00	1093664.77	58.139	99.99	.00	.064	78.69	24.18
161.00	2184016.90	174.418	100.00	.00	.384	99.99	21.30
203.00	4377906.30	.000	100.00	.00	.000	99.99	21.30
TOTAL		25609612.980			1.802		

03/01/74 60.0 m

CARBON	203	mg m^{-3}
NITROGEN	22.0	mg m^{-3}
ATP	0.068	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	2.36×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.36×10^{-1}
MICROZOOPLANKTON	2.11×10^{-2}
FAECAL PELLETS	0.0

DATE: 16/ 1/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	36672388.059	57.00	57.00	.153	.69	.69
2.52	8.35	11422388.059	74.75	74.75	.095	1.12	1.12
3.17	16.77	7498507.462	86.41	86.41	.125	1.68	1.68
4.00	33.38	5185074.626	94.47	94.47	.173	2.46	2.46
5.04	66.76	1888059.701	97.40	97.40	.125	3.03	3.03
6.35	132.90	717164.179	98.52	98.52	.096	3.46	3.46
8.00	267.01	431343.283	99.19	99.19	.115	3.98	3.98
10.08	537.30	219402.985	99.53	99.53	.117	4.51	4.51
12.70	1068.23	134328.358	99.74	99.74	.144	5.16	5.16
16.00	2136.06	75373.134	99.86	99.86	.161	5.89	5.89
20.20	4298.42	21641.791	99.89	.03	.092	6.31	.41
25.40	8545.85	11194.029	99.91	.05	.096	6.74	.85
32.00	17088.51	5813.953	99.92	.06	.100	7.19	1.30
40.30	34132.61	7616.279	99.93	.07	.262	8.37	2.48
50.80	68366.83	8604.651	99.94	.01	.592	11.04	2.66
64.00	136708.10	18779.069	99.97	.04	2.584	22.67	14.30
80.60	273060.85	406.976	99.97	.04	6.352	51.28	42.91
101.60	553419.97	12093.023	99.99	.06	6.656	81.26	72.88
128.00	1093664.77	2616.279	99.99	.06	2.880	94.23	85.85
161.00	2184016.90	581.395	100.00	.00	1.280	99.99	5.76
203.00	4377906.30	.000	100.00	.00	.000	99.99	5.76
TOTAL		64333377.298			22.203		

16/01/74 0 m

CARBON	200	mg m^{-3}
NITROGEN	20.0	mg m^{-3}
ATP	0.092	mg m^{-3}

	VOLUME (PPM)
DIATOMS	9.00×10^{-5}
FLAGELLATES	0.0
DINOFLAGELLATES	7.94×110^{-3}
SILICOFLAGELLATES	2.07×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	1.01×10^{-2}
MICROZOOPLANKTON	6.90×10^{-3}
FAECAL PELLETS	0.0

DATE: 16/ 1/74 DEPTH: 2.5 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	15008955.223	45.82	45.82	.062	.37	.37
2.52	8.35	6855970.149	66.76	66.76	.057	.71	.71
3.17	16.77	4811940.298	81.45	81.45	.080	1.19	1.19
4.00	33.38	2821641.791	90.07	90.07	.094	1.75	1.75
5.04	66.76	1447761.194	94.49	94.49	.097	2.32	2.32
6.35	132.90	764179.104	96.82	96.82	.102	2.93	2.93
8.00	267.01	464179.104	98.24	98.24	.124	3.67	3.67
10.08	537.30	235074.626	98.96	98.96	.126	4.41	4.41
12.70	1068.23	135820.895	99.37	99.37	.145	5.28	5.28
16.00	2136.06	79850.746	99.62	99.62	.171	6.29	6.29
20.20	4298.42	39552.238	99.74	.12	.169	7.30	1.00
25.40	8545.85	17910.447	99.79	.17	.153	8.21	1.91
32.00	17088.51	8895.348	99.82	.20	.153	9.12	2.82
40.30	34132.61	8313.953	99.84	.22	.286	10.81	4.51
50.80	68366.83	10348.837	99.87	.03	.712	15.03	4.22
64.00	136708.10	16220.930	99.92	.08	2.232	28.27	17.45
80.60	273060.85	13255.813	99.96	.12	3.648	49.90	39.08
101.60	553419.97	6162.790	99.98	.14	3.392	70.01	59.20
128.00	1093664.77	2965.116	99.99	.14	3.264	89.37	78.55
161.00	2184016.90	697.674	99.99	.00	1.536	98.48	9.10
203.00	4377906.30	58.139	100.00	.00	.256	99.99	10.62
TOTAL		32749754.424			16.864		

16/01/74 2.5 m

CARBON	305	mg m^{-3}
NITROGEN	27.0	mg m^{-3}
ATP	0.152	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.24×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	4.18×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	5.42×10^{-3}
MICROZOOPLANKTON	1.91×10^{-2}
FAECAL PELLETS	5.11×10^{-3}

DATE: 16/ 1/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	19271641.791	46.61	46.61	.080	1.47	1.47
2.52	8.35	10846268.656	72.84	72.84	.090	3.13	3.13
3.17	16.77	5315671.641	85.70	85.70	.089	4.76	4.76
4.00	33.38	2762686.567	92.38	92.38	.092	6.45	6.45
5.04	66.76	1357462.686	95.66	95.66	.090	8.11	8.11
6.35	132.90	752238.805	97.48	97.48	.100	9.95	9.95
8.00	267.01	428358.208	98.52	98.52	.114	12.05	12.05
10.08	537.30	251492.537	99.13	99.13	.134	14.51	14.51
12.70	1068.23	159701.492	99.51	99.51	.171	17.64	17.64
16.00	2136.06	99253.731	99.75	99.75	.212	21.53	21.53
20.20	4298.42	45522.388	99.86	.11	.195	25.10	3.56
25.40	8545.85	23880.597	99.92	.16	.204	28.84	7.31
32.00	17088.51	7151.162	99.94	.18	.123	31.09	9.55
40.30	34132.61	4941.860	99.95	.19	.170	34.20	12.66
50.80	68366.83	5232.558	99.96	.01	.360	40.78	6.57
64.00	136708.10	7383.720	99.98	.03	1.016	59.35	25.14
80.60	273060.85	3779.069	99.99	.03	1.040	78.35	44.15
101.60	553419.97	1104.651	99.99	.04	.608	89.47	55.27
128.00	1093664.77	406.976	99.99	.04	.448	97.66	63.45
161.00	2184016.90	58.139	100.00	.00	.128	99.99	2.33
203.00	4377906.30	.000	100.00	.00	.000	99.99	2.33
TOTAL		41344237.243			5.471		

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16/01/74 5.0 m

CARBON	869	mg m^{-3}
NITROGEN	74.0	mg m^{-3}
ATP	0.092	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.06×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.06×10^{-2}
MICROZOOPLANKTON	7.60×10^{-3}
FAECAL PELLETS	0.0

DATE: 16/ 1/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	25874626.865	45.99	45.99	.108	.64	.64
2.52	8.35	12897761.194	68.92	68.92	.108	1.29	1.29
3.17	16.77	9526358.208	85.85	85.85	.159	2.25	2.25
4.00	33.38	3519402.985	92.11	92.11	.117	2.95	2.95
5.04	66.76	1918656.716	95.52	95.52	.128	3.72	3.72
6.35	132.90	961194.029	97.23	97.23	.128	4.49	4.49
8.00	267.01	587313.432	98.27	98.27	.157	5.44	5.44
10.08	537.30	350746.268	98.90	98.90	.188	6.56	6.56
12.70	1068.23	235820.895	99.32	99.32	.252	8.07	8.07
16.00	2136.06	177611.940	99.63	99.63	.380	10.35	10.35
20.20	4298.42	97014.925	99.81	.17	.416	12.85	2.49
25.40	8545.85	34651.162	99.87	.23	.298	14.63	4.27
32.00	17088.51	12093.023	99.89	.25	.208	15.88	5.52
40.30	34132.61	7906.976	99.90	.26	.272	17.50	7.14
50.80	68366.83	8720.930	99.92	.01	.600	21.10	3.59
64.00	136708.10	18313.953	99.95	.04	2.520	36.19	18.68
80.60	273060.85	17209.302	99.98	.07	4.736	64.55	47.04
101.60	553419.97	6220.930	99.99	.08	3.424	85.05	67.54
128.00	1093664.77	1220.930	99.99	.09	1.344	93.10	75.59
161.00	2184016.90	406.976	99.99	.00	.896	98.46	5.36
203.00	4377906.30	58.139	100.00	.00	.256	99.99	6.89
TOTAL		56255309.787			16.700		

16/01/74 10.0 m

CARBON	929	mg m^{-3}
NITROGEN	90.0	mg m^{-3}
ATP	0.060	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.05×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	5.05×10^{-3}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	8.51×10^{-3}

DATE: 16/ 1/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	23109701.492	42.01	42.01	.096	1.95	1.95
2.52	8.35	11694776.119	63.28	63.28	.097	3.93	3.93
3.17	16.77	8460447.761	78.66	78.66	.141	6.80	6.80
4.00	33.38	4606716.417	87.04	87.04	.154	9.93	9.93
5.04	66.76	3767164.179	93.89	93.89	.252	15.04	15.04
6.35	132.90	1344029.850	96.33	96.33	.180	18.68	18.68
8.00	267.01	794776.119	97.78	97.78	.213	22.99	22.99
10.08	537.30	428358.208	98.56	98.56	.229	27.64	27.64
12.70	1068.23	278358.208	99.06	99.06	.298	33.68	33.68
16.00	2136.06	192537.313	99.41	99.41	.412	42.04	42.04
20.20	4298.42	259825.581	99.88	.47	1.117	64.65	22.61
25.40	8545.85	35348.837	99.95	.53	.304	70.80	28.76
32.00	17088.51	14186.046	99.97	.56	.244	75.74	33.70
40.30	34132.61	6569.767	99.99	.57	.226	80.32	38.28
50.80	68366.83	2151.162	99.99	.00	.148	83.31	2.99
64.00	136708.10	1569.767	99.99	.00	.216	87.69	7.36
80.60	273060.85	232.558	99.99	.00	.064	88.98	8.66
101.60	553419.97	290.697	99.99	.00	.160	92.22	11.90
128.00	1093664.77	232.558	99.99	.00	.256	97.40	17.08
161.00	2184016.90	58.139	100.00	.00	.128	99.99	2.59
203.00	4377906.30	.000	100.00	.00	.000	99.99	2.59
TOTAL		54997330.787			4.939		

16/01/74 15.0 m

CARBON	445	mg m^{-3}
NITROGEN	46.0	mg m^{-3}
ATP	0.032	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.14×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	2.21×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.24×10^{-2}
MICROZOOPLANKTON	3.13×10^{-2}
FAECAL PELLETS	2.28×10^{-2}

DATE: 16/ 1/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	15791791.044	43.58	43.58	.066	1.52	1.52
2.52	8.35	8410447.761	66.79	66.79	.070	3.15	3.15
3.17	16.77	5513432.835	82.00	82.00	.092	5.29	5.29
4.00	33.38	2341791.044	88.46	88.46	.078	7.10	7.10
5.04	66.76	2296268.656	94.80	94.80	.153	10.66	10.66
6.35	132.90	626865.671	96.53	96.53	.084	12.60	12.60
8.00	267.01	397761.194	97.63	97.63	.106	15.07	15.07
10.08	537.30	223880.597	98.25	98.25	.120	17.84	17.84
12.70	1068.23	141044.776	98.63	98.63	.151	21.34	21.34
16.00	2136.06	138604.651	99.02	99.02	.298	28.24	28.24
20.20	4298.42	295755.813	99.83	.81	1.271	57.64	29.40
25.40	8545.85	27732.558	99.91	.89	.238	63.14	34.90
32.00	17088.51	13662.790	99.95	.93	.235	68.58	40.34
40.30	34132.61	9011.627	99.97	.95	.310	75.75	47.51
50.80	68366.83	4418.604	99.98	.01	.304	82.78	7.03
64.00	136708.10	2848.837	99.99	.02	.392	91.85	16.10
80.60	273060.85	697.674	99.99	.02	.192	96.29	20.54
101.60	553419.97	174.418	99.99	.02	.096	98.51	22.76
128.00	1093664.77	58.139	100.00	.02	.064	99.99	24.24
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		36236248.697			4.322		

16/01/74 20.0 m

CARBON	361	mg m^{-3}
NITROGEN	42.0	mg m^{-3}
ATP	0.116	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.76×10^{-5}
FLAGELLATES	1.16×10^{-5}
DINOFLAGELLATES	7.74×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	7.81×10^{-3}
MICROZOOPLANKTON	1.32×10^{-2}
FAECAL PELLETS	2.36×10^{-2}

DATE: 16/ 1/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	24311940.298	47.69	47.69	.101	1.29	1.29
2.52	8.35	12359701.492	71.94	71.94	.103	2.60	2.60
3.17	16.77	8417164.179	88.46	88.46	.140	4.39	4.39
4.00	33.38	3270895.522	94.87	94.87	.109	5.78	5.78
5.04	66.76	1155223.880	97.14	97.14	.077	6.76	6.76
6.35	132.90	585820.895	98.29	98.29	.078	7.75	7.75
8.00	267.01	353731.343	98.98	98.98	.094	8.96	8.96
10.08	537.30	224626.865	99.42	99.42	.120	10.48	10.48
12.70	1068.23	122388.059	99.66	99.66	.131	12.15	12.15
16.00	2136.06	78358.208	99.82	99.82	.168	14.28	14.28
20.20	4298.42	34328.358	99.88	.06	.147	16.15	1.86
25.40	8545.85	14767.441	99.91	.09	.127	17.76	3.47
32.00	17088.51	8313.953	99.93	.11	.143	19.57	5.29
40.30	34132.61	7790.697	99.95	.12	.268	22.97	8.69
50.80	68366.83	6860.465	99.96	.01	.472	28.96	5.98
64.00	136708.10	10116.279	99.98	.03	1.392	46.62	23.64
80.60	273060.85	5174.418	99.99	.04	1.424	64.68	41.70
101.60	553419.97	2034.883	99.99	.04	1.120	78.89	55.91
128.00	1093664.77	930.232	99.99	.04	1.024	91.88	68.90
161.00	2184016.90	290.697	100.00	.00	.640	99.99	8.11
203.00	4377906.30	.000	100.00	.00	.000	99.99	8.11
TOTAL		50970458.173			7.883		

16/01/74 30.0 m

CARBON	106	mg m^{-3}
NITROGEN	16.0	mg m^{-3}
ATP	0.052	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	7.93×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	7.93×10^{-3}
MICROZOOPLANKTON	2.83×10^{-2}
FAECAL PELLETS	3.47×10^{-3}

DATE: 16/ 1/74 DEPTH: 40.0 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10314179.104	40.53	40.53	.043	3.03	3.03
2.52	8.35	6923880.597	67.75	67.75	.057	7.10	7.10
3.17	16.77	4533582.089	85.56	85.56	.075	12.44	12.44
4.00	33.38	2697014.925	96.17	96.17	.090	18.79	18.79
5.04	66.76	429104.477	97.85	97.85	.028	20.80	20.80
6.35	132.90	224626.865	98.73	98.73	.030	22.92	22.92
8.00	267.01	162686.567	99.37	99.37	.043	25.99	25.99
10.08	537.30	72388.059	99.66	99.66	.038	28.72	28.72
12.70	1068.23	32835.820	99.79	99.79	.035	31.19	31.19
16.00	2136.06	31343.283	99.91	99.91	.067	35.92	35.92
20.20	4298.42	8208.955	99.94	.03	.035	38.39	2.47
25.40	8545.85	4651.162	99.96	.05	.040	41.20	5.28
32.00	17088.51	2441.860	99.97	.06	.042	44.16	8.24
40.30	34132.61	2500.000	99.98	.06	.086	50.21	14.28
50.80	68366.83	1802.325	99.99	.00	.124	58.93	8.72
64.00	136708.10	988.372	99.99	.01	.136	68.49	18.23
80.60	273060.85	581.395	99.99	.01	.160	79.74	29.53
101.60	553419.97	174.418	99.99	.01	.096	86.49	36.28
128.00	1093664.77	58.139	99.99	.01	.064	90.99	40.78
161.00	2184016.90	58.139	100.00	.00	.128	99.99	9.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	9.00
TOTAL		25443106.559			1.422		

16/01/74 40.0 m

CARBON	119	mg m^{-3}
NITROGEN	22.0	mg m^{-3}
ATP	0.044	mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.72×10^{-6}
FLAGELLATES	0.0
DINOFLAGELLATES	2.09×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.09×10^{-2}
MICROZOOPLANKTON	1.64×10^{-2}
FAECAL PELLETS	4.27×10^{-3}

DATE: 16/ 1/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	14597761.194	44.50	44.50	.061	4.65	4.65
2.52	8.35	8692537.313	71.00	71.00	.072	10.20	10.20
3.17	16.77	3617910.447	82.04	82.04	.060	14.82	14.82
4.00	33.38	4675373.134	96.29	96.29	.156	26.76	26.76
5.04	66.76	561940.298	98.00	98.00	.037	29.62	29.62
6.35	132.90	279104.477	98.85	98.85	.037	32.47	32.47
8.00	267.01	178358.208	99.40	99.40	.042	35.74	35.74
10.08	537.30	105970.149	99.72	99.72	.056	40.07	40.07
12.70	1068.23	53731.343	99.88	99.88	.057	44.46	44.46
16.00	2136.06	20149.253	99.95	99.95	.043	47.75	47.75
20.20	4298.42	9701.492	99.98	.02	.041	50.92	3.17
25.40	8545.85	1492.537	99.98	.03	.012	51.90	4.14
32.00	17088.51	1569.767	99.99	.03	.027	53.95	6.20
40.30	34132.61	1162.790	99.99	.04	.040	57.00	9.25
50.80	68366.83	755.813	99.99	.00	.052	60.97	3.96
64.00	136708.10	581.395	99.99	.00	.080	67.07	10.06
80.60	273060.85	406.976	99.99	.00	.112	75.60	18.59
101.60	553419.97	232.558	99.99	.00	.128	85.36	28.35
128.00	1093664.77	58.139	99.99	.00	.064	90.24	33.23
161.00	2184016.90	58.139	100.00	.00	.128	99.99	9.75
203.00	4377906.30	.000	100.00	.00	.000	99.99	9.75
TOTAL		32798855.431			1.311		

16/01/74 60.0 m

CARBON	150	mg m^{-3}
NITROGEN	28.0	mg m^{-3}
ATP	0.092	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	1.02×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.02×10^{-1}
MICROZOOPLANKTON	1.01×10^{-2}
FAECAL PELLETS	0.0

DATE: 30/ 1/74 DEPTH: .0 M AREA: DB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	15422388.059	42.49	42.49	.064	.88	.88
2.52	8.35	9008208.955	67.31	67.31	.075	1.91	1.91
3.17	16.77	5223880.597	81.71	81.71	.087	3.11	3.11
4.00	33.38	3548507.462	91.49	91.49	.118	4.74	4.74
5.04	66.76	1574626.865	95.83	95.83	.105	6.19	6.19
6.35	132.90	813432.835	98.07	98.07	.109	7.69	7.69
8.00	267.01	408208.955	99.19	99.19	.109	9.19	9.19
10.08	537.30	148507.462	99.60	99.60	.079	10.28	10.28
12.70	1068.23	61940.298	99.77	99.77	.066	11.19	11.19
16.00	2136.06	25639.534	99.84	99.84	.055	11.94	11.94
20.20	4298.42	14651.162	99.88	.04	.063	12.81	.86
25.40	8545.85	8720.930	99.91	.06	.075	13.84	1.89
32.00	17088.51	6569.767	99.93	.08	.113	15.39	3.44
40.30	34132.61	6511.627	99.94	.10	.224	18.46	6.51
50.80	68366.83	5348.837	99.96	.01	.368	23.51	5.04
64.00	136708.10	4533.023	99.97	.02	.632	32.18	13.71
80.60	273060.85	5058.139	99.98	.04	1.392	51.27	32.61
101.60	553419.97	2383.720	99.99	.04	1.312	69.27	50.80
128.00	1093664.77	755.813	99.99	.04	.832	80.68	62.22
161.00	2184016.90	523.255	99.99	.00	1.152	96.48	15.80
203.00	4377906.30	58.139	100.00	.00	.256	99.99	19.31
TOTAL		36290515.445			7.290		

30/01/74 0 m

CARBON	209	mg m^{-3}
NITROGEN	21.0	mg m^{-3}
ATP	0.250	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.59×10^{-4}
FLAGELLATES	4.28×10^{-5}
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.02×10^{-4}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 30/ 1/74 DEPTH: 2.5 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	13996268.656	43.63	43.63	.058	1.31	1.31
2.52	8.35	8475373.134	70.06	70.06	.071	2.91	2.91
3.17	16.77	3929850.746	82.31	82.31	.072	4.52	4.52
4.00	33.38	2561940.298	90.30	90.30	.085	6.44	6.44
5.04	66.76	1465671.641	94.87	94.87	.098	8.65	8.65
6.35	132.90	893283.582	97.65	97.65	.119	11.33	11.33
8.00	267.01	479850.746	99.15	99.15	.128	14.21	14.21
10.08	537.30	163432.835	99.66	99.66	.087	16.18	16.18
12.70	1068.23	52985.074	99.83	99.83	.056	17.45	17.45
16.00	2136.06	13432.835	99.87	99.87	.028	18.10	18.10
20.20	4298.42	14186.046	99.91	.04	.061	19.47	1.36
25.40	8545.85	8081.395	99.94	.06	.069	21.01	2.91
32.00	17088.51	3255.813	99.95	.07	.056	22.27	4.17
40.30	34132.61	4011.627	99.96	.09	.138	25.36	7.26
50.80	68366.83	3720.930	99.97	.01	.256	31.11	5.74
64.00	136708.10	3488.372	99.98	.02	.480	41.87	16.50
80.60	273060.85	2093.023	99.99	.02	.576	54.79	29.42
101.60	553419.97	1104.651	99.99	.03	.608	68.42	43.05
128.00	1093664.77	813.953	99.99	.03	.896	88.51	63.14
161.00	2184016.90	232.558	100.00	.00	.512	99.99	11.48
203.00	4377906.30	.000	100.00	.00	.000	99.99	11.48
TOTAL		32073077.923			4.459		

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30/01/74 2.5 m

CARBON	163	mg m^{-3}
NITROGEN	20.0	mg m^{-3}
ATP	0.0456	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.61×10^{-3}
FLAGELLATES	4.34×10^{-5}
DINOFLAGELLATES	8.79×10^{-4}
SILICOFLAGELLATES	2.53×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	4.16×10^{-2}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	

DATE: 30/ 1/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7407462.686	40.14	40.14	.031	.23	.23
2.52	8.35	5141791.044	68.00	68.00	.043	.56	.56
3.17	16.77	2316417.910	80.56	80.56	.038	.86	.86
4.00	33.38	1345522.388	87.85	87.85	.045	1.20	1.20
5.04	66.76	826119.402	92.33	92.33	.055	1.62	1.62
6.35	132.90	534328.358	95.22	95.22	.071	2.17	2.17
8.00	267.01	425373.134	97.53	97.53	.114	3.04	3.04
10.08	537.30	223880.597	98.74	98.74	.120	3.95	3.95
12.70	1068.23	64179.104	99.09	99.09	.068	4.48	4.48
16.00	2136.06	49253.731	99.35	99.35	.105	5.28	5.28
20.20	4298.42	29767.441	99.52	.16	.128	6.26	.97
25.40	8545.85	19360.465	99.62	.26	.166	7.53	2.24
32.00	17088.51	14302.325	99.70	.34	.246	9.40	4.12
40.30	34132.61	14825.581	99.78	.42	.510	13.30	8.01
50.80	68366.83	14418.604	99.86	.07	.992	20.87	7.56
64.00	136708.10	10872.093	99.92	.13	1.496	32.28	18.98
80.60	273060.85	7732.558	99.96	.17	2.218	49.21	35.90
101.60	553419.97	4186.046	99.98	.20	2.304	66.79	53.49
128.00	1093664.77	1976.744	99.99	.21	2.176	83.39	70.09
161.00	2184016.90	639.534	99.99	.00	1.408	94.13	10.74
203.00	4377906.30	174.418	100.00	.00	.768	99.99	16.60
TOTAL		18452584.171			13.105		

30/01/74 5.0 m

CARBON	237	mg m^{-3}
NITROGEN	20.0	mg m^{-3}
ATP	0.247	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	4.81×10^{-5}
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	2.04×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	2.09×10^{-3}
MICROZOOPLANKTON	6.00×10^{-3}
FAECAL PELLETS	5.66×10^{-3}

DATE: 30/ 1/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	583805.970	38.61	38.61	.024	.60	.60
2.52	8.35	417686.567	66.24	66.24	.034	1.47	1.47
3.17	16.77	176268.656	77.89	77.89	.029	2.20	2.20
4.00	33.38	108283.582	85.06	85.06	.036	3.10	3.10
5.04	66.76	62537.313	89.19	89.19	.041	4.15	4.15
6.35	132.90	50522.388	92.53	92.53	.067	5.83	5.83
8.00	267.01	34477.611	94.82	94.82	.080	7.83	7.83
10.08	537.30	15671.641	95.85	95.85	.084	9.92	9.92
12.70	1068.23	5820.895	96.24	96.24	.062	11.47	11.47
16.00	2136.06	2985.074	96.43	96.43	.064	13.07	13.07
20.20	4298.42	18720.930	97.67	1.23	.080	15.06	1.99
25.40	8545.85	9825.581	98.32	1.88	.084	17.15	4.08
32.00	17088.51	6395.348	98.75	2.31	.110	19.38	6.81
40.30	34132.61	5697.674	99.12	2.68	.196	24.76	11.69
50.80	68366.83	5232.558	99.47	.34	.360	33.72	8.95
64.00	136708.10	4011.627	99.73	.61	.552	47.45	22.68
80.60	273060.85	1744.186	99.85	.72	.480	59.39	34.63
101.60	553419.97	1569.767	99.95	.83	.864	80.89	56.12
128.00	1093664.77	581.395	99.99	.86	.640	96.81	72.05
161.00	2184016.90	58.139	100.00	.00	.128	99.99	3.18
203.00	4377906.30	.000	100.00	.00	.000	99.99	3.18
TOTAL		1511896.910			4.019		

30/01/74 10.0 m

CARBON	211	mg m^{-3}
NITROGEN	20.0	mg m^{-3}
ATP	0.060	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.07×10^{-3}
FLAGELLATES	5.75×10^{-4}
DINOFLAGELLATES	7.59×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.40×10^{-3}
MICROZOOPLANKTON	1.27×10^{-2}
FAECAL PELLETS	2.23×10^{-3}

DATE: 30/ 1/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	5746268.656	43.42	43.42	.024	1.79	1.79
2.52	8.35	3915671.641	73.02	73.02	.032	4.24	4.24
3.17	16.77	1471641.791	84.14	84.14	.024	6.08	6.08
4.00	33.38	824626.865	90.37	90.37	.027	8.14	8.14
5.04	66.76	497761.194	94.13	94.13	.033	10.64	10.64
6.35	132.90	355970.149	96.82	96.82	.047	14.21	14.21
8.00	267.01	207462.686	98.39	98.39	.055	18.37	18.37
10.08	537.30	122388.059	99.31	99.31	.065	23.28	23.28
12.70	1068.23	42537.313	99.64	99.64	.045	26.69	26.69
16.00	2136.06	15671.641	99.75	99.75	.033	29.20	29.20
20.20	4298.42	13197.674	99.85	.09	.056	33.39	4.19
25.40	8545.85	6337.209	99.90	.14	.054	37.43	8.23
32.00	17088.51	4186.046	99.93	.17	.072	42.82	13.61
40.30	34132.61	3488.372	99.96	.20	.120	51.80	22.59
50.80	68366.83	2383.720	99.98	.01	.164	64.07	12.27
64.00	136708.10	1511.627	99.99	.02	.208	79.64	27.83
80.60	273060.85	406.976	99.99	.03	.112	88.02	36.21
101.60	553419.97	290.697	100.00	.03	.160	99.99	48.19
128.00	1093664.77	.000	100.00	.03	.000	99.99	48.19
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		13231802.324			1.336		

30/01/74 15.0 m

CARBON	197	mg m^{-3}
NITROGEN	14.0	mg m^{-3}
ATP	0.187	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	1.71×10^{-4}
DINOFLAGELLATES	2.17×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.19×10^{-2}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	5.90×10^{-3}

DATE: 30/ 1/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	6735820.895	40.50	40.50	.028	1.32	1.32
2.52	8.35	4785074.626	69.28	69.28	.040	3.20	3.20
3.17	16.77	2124626.865	82.05	82.05	.035	4.87	4.87
4.00	33.38	1214925.373	89.36	89.36	.040	6.78	6.78
5.04	66.76	646268.656	93.25	93.25	.043	8.81	8.81
6.35	132.90	511940.298	96.32	96.32	.068	12.04	12.04
8.00	267.01	343283.582	98.39	98.39	.092	16.36	16.36
10.08	537.30	138059.701	99.22	99.22	.074	19.83	19.83
12.70	1068.23	58208.955	99.57	99.57	.062	22.76	22.76
16.00	2136.06	36567.164	99.79	99.79	.078	26.45	26.45
20.20	4298.42	14925.373	99.88	.08	.064	29.45	3.00
25.40	8545.85	6716.417	99.92	.13	.057	32.16	5.71
32.00	17088.51	3488.372	99.94	.15	.060	34.98	8.53
40.30	34132.61	3255.813	99.96	.17	.112	40.24	13.79
50.80	68366.83	2093.023	99.97	.01	.144	47.00	6.76
64.00	136708.10	1802.325	99.98	.02	.248	58.66	18.41
80.60	273060.85	1104.651	99.99	.03	.304	72.94	32.69
101.60	553419.97	697.674	99.99	.03	.384	90.98	50.73
128.00	1093664.77	58.139	99.99	.03	.064	93.98	53.74
161.00	2184016.90	58.139	100.00	.00	.128	99.99	6.01
203.00	4377906.30	.000	100.00	.00	.000	99.99	6.01
TOTAL		16628976.049			2.128		

30/01/74 20.0 m

CARBON	235	mg m^{-3}
NITROGEN	17.0	mg m^{-3}
ATP	0.10	mg m^{-3}

VOLUME (PPM)	
DIATOMS	1.70×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	1.71×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.87×10^{-3}
MICROZOOPLANKTON	1.56×10^{-2}
FAECAL PELLETS	0.0

DATE: 30/ 1/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	3742537.313	41.49	41.49	.015	1.99	1.99
2.52	8.35	2980597.014	74.54	74.54	.024	5.17	7.27
3.17	16.77	981343.283	85.42	85.42	.016	7.27	9.39
4.00	33.38	497761.194	90.94	90.94	.016	9.39	12.02
5.04	66.76	306716.417	94.34	94.34	.020	12.02	16.13
6.35	132.90	240298.507	97.01	97.01	.032	16.13	21.27
8.00	267.01	150000.000	98.67	98.67	.040	21.27	25.44
10.08	537.30	70149.253	99.45	99.45	.032	25.44	29.02
12.70	1068.23	26119.402	99.74	99.74	.028	29.02	32.09
16.00	2136.06	11194.029	99.86	99.86	.024	32.09	2.55
20.20	4298.42	4767.441	99.91	.05	.020	34.65	5.11
25.40	8545.85	2325.581	99.94	.07	.020	37.21	8.82
32.00	17088.51	1686.046	99.96	.09	.029	40.92	15.21
40.30	34132.61	1453.488	99.98	.11	.050	47.31	5.62
50.80	68366.83	639.534	99.93	.00	.044	52.94	15.85
64.00	136708.10	581.395	99.99	.01	.080	63.17	28.13
80.60	273060.85	348.837	99.99	.01	.096	75.44	36.31
101.60	553419.97	116.279	99.99	.01	.064	83.63	52.68
128.00	1093664.77	116.279	99.99	.01	.128	99.99	.00
161.00	2184016.90	.000	99.99	.00	.000	99.99	.00
203.00	4377906.30	.000	99.99	.00	.000	99.99	
TOTAL		9018751.301			.782		

30/01/74 30.0 m

CARBON	189	mg m^{-3}
NITROGEN	12.0	mg m^{-3}
ATP	0.096	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	4.66×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.66×10^{-4}
MICROZOOPLANKTON	5.35×10^{-2}
FAECAL PELLETS	2.74×10^{-3}

DATE: 30/ 1/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7181343.283	46.17	46.17	.030	1.65	1.65
2.52	8.35	4886805.970	77.60	77.60	.040	3.89	3.89
3.17	16.77	1710447.761	88.60	88.60	.023	5.47	5.47
4.00	33.38	789552.238	93.68	93.68	.026	6.92	6.92
5.04	66.76	418656.716	96.37	96.37	.028	8.46	8.46
6.35	132.90	259701.492	98.04	98.04	.034	10.37	10.37
8.00	267.01	148507.462	99.00	99.00	.039	12.56	12.56
10.08	537.30	67910.447	99.43	99.43	.036	14.57	14.57
12.70	1068.23	45522.388	99.72	99.72	.048	17.25	17.25
16.00	2136.06	17910.447	99.84	99.84	.038	19.36	19.36
20.20	4298.42	9244.186	99.90	.05	.039	21.51	2.14
25.40	8545.85	3953.488	99.92	.08	.034	23.38	4.01
32.00	17088.51	2500.000	99.94	.10	.043	25.74	6.38
40.30	34132.61	2500.000	99.96	.11	.086	30.47	11.11
50.80	68366.83	1860.465	99.97	.01	.128	37.51	7.04
64.00	136708.10	1627.906	99.98	.02	.224	49.83	19.36
80.60	273060.85	1569.767	99.99	.03	.432	73.59	43.12
101.60	553419.97	872.093	100.00	.03	.480	99.99	69.52
128.00	1093664.77	.000	100.00	.03	.000	99.99	69.52
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		15552486.115			1.818		

30/01/74 40.0 m

CARBON	136	mg m^{-3}
NITROGEN	11.0	mg m^{-3}
ATP	0.084	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	3.73×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.73×10^{-2}
MICROZOOPLANKTON	4.90×10^{-3}
FAECAL PELLETS	1.87×10^{-3}

DATE: 30/ 1/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8519402.985	50.39	50.39	.035	4.19	4.19
2.52	8.35	4023880.597	74.19	74.19	.033	8.15	8.15
3.17	16.77	2080597.014	86.50	86.50	.034	12.25	12.25
4.00	33.38	970895.522	92.24	92.24	.032	16.08	16.08
5.04	66.76	570149.253	95.61	95.61	.038	20.57	20.57
6.35	132.90	341791.044	97.63	97.63	.045	25.97	25.97
8.00	267.01	235820.895	99.03	99.03	.063	33.41	33.41
10.08	537.30	96268.656	99.60	99.60	.051	39.48	39.48
12.70	1068.23	39552.238	99.83	99.83	.042	44.47	44.47
16.00	2136.06	15671.641	99.92	99.92	.033	48.43	48.43
20.20	4298.42	7209.302	99.97	.04	.031	52.08	3.64
25.40	8545.85	2209.302	99.98	.05	.019	54.32	5.88
32.00	17088.51	1395.348	99.99	.06	.024	57.14	8.71
40.30	34132.61	348.837	99.99	.06	.012	58.55	10.12
50.80	68366.83	232.558	99.99	.00	.016	60.44	1.88
64.00	136708.10	116.279	99.99	.00	.016	62.32	3.76
80.60	273060.85	465.116	99.99	.00	.128	77.39	18.83
101.60	553419.97	116.279	99.99	.00	.064	84.93	26.37
128.00	1093664.77	.000	99.99	.00	.000	84.93	26.37
161.00	2184016.90	7.441	100.00	.00	.128	99.99	15.06
203.00	4377906.30	.000	100.00	.00	.000	99.99	15.06
TOTAL		16906130.315			.849		

30/01/74 60.0 m

CARBON	128	mg m^{-3}
NITROGEN	12.0	mg m^{-3}
ATP	0.060	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	8.66×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	8.66×10^{-2}
MICROZOOPLANKTON	9.10×10^{-3}
FAECAL PELLETS	1.31×10^{-3}

DATE: 13/ 2/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	6567910.447	41.56	41.56	.027	2.68	2.68
2.52	8.35	4142537.313	67.77	67.77	.034	6.07	6.07
3.17	16.77	1867910.447	79.59	79.59	.031	9.12	9.12
4.00	33.38	1616417.910	89.82	89.82	.054	14.41	14.41
5.04	66.76	781343.283	94.76	94.76	.052	19.53	19.53
6.35	132.90	333582.089	96.87	96.87	.044	23.90	23.90
8.00	267.01	238059.701	98.38	98.38	.063	30.14	30.14
10.08	537.30	169402.985	99.45	99.45	.090	39.02	39.02
12.70	1068.23	43283.582	99.72	99.72	.046	43.56	43.56
16.00	2136.06	22674.418	99.87	99.87	.048	48.25	48.25
20.20	4298.42	11395.348	99.94	.07	.049	53.05	4.79
25.40	8545.85	4186.046	99.97	.09	.036	56.57	8.31
32.00	17088.51	1279.069	99.97	.10	.022	58.72	10.46
40.30	34132.61	1453.488	99.98	.11	.050	63.61	15.35
50.80	68366.83	1104.651	99.99	.00	.076	71.04	7.43
64.00	136708.10	406.976	99.99	.00	.056	76.52	12.91
80.60	273060.85	290.697	99.99	.01	.080	84.35	20.73
101.60	553419.97	58.139	99.99	.01	.032	87.48	23.86
128.00	1093664.77	116.279	100.00	.01	.128	99.99	36.38
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		15803412.876			1.022		

13/02/74 0 m

CARBON	132	mg m^{-3}
NITROGEN	13.0	mg m^{-3}
ATP	0.0456	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.87×10^{-4}
FLAGELLATES	1.43×10^{-4}
DINOFLAGELLATES	1.01×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.04×10^{-2}
MICROZOOPLANKTON	2.00×10^{-3}
FAECAL PELLETS	2.68×10^{-3}

DATE: 13/ 2/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9143283.582	42.51	42.51	.038	2.59	2.59
2.52	8.35	5704477.611	69.04	69.04	.047	5.82	5.82
3.17	16.77	2852985.074	82.31	82.31	.047	9.06	9.06
4.00	33.38	1719402.985	90.30	90.30	.057	12.97	12.97
5.04	66.76	911940.298	94.54	94.54	.061	17.11	17.11
6.35	132.90	500746.268	96.87	96.87	.067	21.67	21.67
8.00	267.01	234328.358	97.96	97.96	.062	25.93	25.93
10.08	537.30	211194.029	98.94	98.94	.113	33.61	33.61
12.70	1068.23	143283.582	99.61	99.61	.153	44.03	44.03
16.00	2136.06	47014.925	99.83	99.83	.100	50.87	50.87
20.20	4298.42	20581.395	99.92	.09	.088	56.84	5.97
25.40	8545.85	6976.744	99.96	.12	.060	60.91	10.04
32.00	17088.51	3139.534	99.97	.14	.054	64.58	13.70
40.30	34132.61	1802.325	99.98	.15	.062	68.78	17.91
50.80	68366.83	1918.604	99.99	.00	.132	77.74	8.95
64.00	136708.10	639.534	99.99	.01	.088	83.71	14.92
80.60	273060.85	523.255	99.99	.01	.144	93.48	24.69
101.60	553419.97	174.418	100.00	.01	.096	99.99	31.21
128.00	1093664.77	.000	100.00	.01	.000	99.99	31.21
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		21504412.529			1.473		

13/02/74 2.5 m

CARBON	193	mg m^{-3}
NITROGEN	14.0	mg m^{-3}
ATP	0.0504	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.23×10^{-6}
FLAGELLATES	3.89×10^{-4}
DINOFLAGELLATES	1.23×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.27×10^{-2}
MICROZOOPLANKTON	1.23×10^{-2}
FAECAL PELLETS	0.0

DATE: 13/ 2/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	4671641.791	35.91	35.91	.019	1.18	1.18
2.52	8.35	3509701.492	62.89	62.89	.029	2.97	2.97
3.17	16.77	1314925.373	73.00	73.00	.022	4.31	4.31
4.00	33.38	1017164.179	80.82	80.82	.034	6.38	6.38
5.04	66.76	461343.283	84.52	84.52	.032	8.34	8.34
6.35	132.90	352238.805	87.23	87.23	.047	11.22	11.22
8.00	267.01	1039552.238	95.22	95.22	.278	28.19	28.19
10.08	537.30	548507.462	99.44	99.44	.294	46.10	46.10
12.70	1068.23	33582.089	99.70	99.70	.036	48.29	48.29
16.00	2136.06	17164.179	99.83	99.83	.036	50.53	50.53
20.20	4298.42	10058.139	99.91	.07	.043	53.15	2.61
25.40	8545.85	5116.279	99.95	.11	.044	55.83	5.29
32.00	17088.51	2034.383	99.96	.13	.035	57.96	7.43
40.30	34132.61	1569.767	99.97	.14	.054	61.25	10.72
50.80	68366.83	1104.651	99.98	.00	.076	65.88	4.62
64.00	136708.10	697.674	99.99	.01	.096	71.73	10.47
80.60	273060.85	639.534	99.99	.01	.176	82.45	21.19
101.60	553419.97	174.418	99.99	.02	.096	88.30	27.04
128.00	1093664.77	174.418	100.00	.02	.192	99.99	38.74
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		13007390.662			1.641		

13/02/74 5.0 m

CARBON	167	mg m^{-3}
NITROGEN	21.0	mg m^{-3}
ATP	0.129	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.14×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	1.18×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.29×10^{-2}
MICROZOOPLANKTON	9.50×10^{-3}
FAECAL PELLETS	0.0

DATE: 13/ 2/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	6996268.656	47.79	47.79	.029	1.59	1.59
2.52	8.35	4719402.985	80.03	80.03	.039	3.75	3.75
3.17	16.77	1358955.223	89.31	89.31	.033	5.56	5.56
4.00	33.38	715671.641	94.20	94.20	.045	8.05	8.05
5.04	66.76	338059.701	96.51	96.51	.047	10.67	10.67
6.35	132.90	223134.328	98.04	98.04	.045	13.15	13.15
8.00	267.01	188805.970	99.33	99.33	.059	16.42	16.42
10.08	537.30	55970.149	99.71	99.71	.101	21.96	21.96
12.70	1068.23	19402.985	99.84	99.84	.060	25.24	25.24
16.00	2136.06	7209.302	99.89	99.89	.041	27.52	27.52
20.20	4298.42	4127.906	99.92	.02	.031	29.21	1.69
25.40	8545.85	2848.837	99.94	.04	.035	31.13	3.61
32.00	17088.51	2500.000	99.96	.06	.049	33.81	6.29
40.30	34132.61	2151.162	99.97	.07	.086	38.51	10.99
50.80	68366.83	1395.348	99.98	.00	.148	46.61	8.09
64.00	136708.10	1337.209	99.99	.01	.192	57.11	18.59
80.60	273060.85	639.534	99.99	.02	.368	77.24	38.72
101.60	553419.97	58.139	100.00	.02	.352	96.49	57.98
128.00	1093664.77	58.139	100.00	.02	.064	99.99	61.48
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		14637997.222			1.828		

13/02/74 10.0 m

CARBON	157	mg m^{-3}
NITROGEN	20.0	mg m^{-3}
ATP	0.064	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	8.48×10^{-5}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	8.48×10^{-5}
MICROZOOPLANKTON	4.73×10^{-2}
FAECAL PELLETS	8.59×10^{-4}

DATE: 13/ 2/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9317164.179	46.64	46.64	.039	2.33	2.33
2.52	8.35	4473880.597	69.04	69.04	.037	4.58	4.58
3.17	16.77	3116417.910	84.65	84.65	.052	7.70	7.70
4.00	33.38	1429850.746	91.81	91.81	.047	10.58	10.58
5.04	66.76	730597.014	95.46	95.46	.048	13.51	13.51
6.35	132.90	361940.298	97.28	97.28	.048	16.41	16.41
8.00	267.01	297761.194	98.77	98.77	.079	21.20	21.20
10.08	537.30	170149.253	99.62	99.62	.091	26.67	26.67
12.70	1068.23	44029.850	99.84	99.84	.047	29.50	29.50
16.00	2136.06	11940.298	99.90	99.90	.025	31.03	31.03
20.20	4298.42	5223.880	99.93	.02	.022	32.37	1.34
25.40	8545.85	4244.186	99.95	.04	.036	34.53	3.50
32.00	17088.51	2906.976	99.96	.06	.050	37.53	6.49
40.30	34132.61	2151.162	99.97	.07	.074	41.96	10.93
50.80	68366.83	1744.186	99.98	.00	.120	49.16	7.19
64.00	136708.10	1511.627	99.99	.01	.208	61.63	19.66
80.60	273060.85	581.395	99.99	.01	.160	71.22	29.25
101.60	553419.97	639.534	99.99	.02	.352	92.32	50.35
128.00	1093664.77	116.279	100.00	.02	.128	99.99	58.03
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		19972850.571			1.668		

13/02/74 15.0 m

CARBON	162	mg m^{-3}
NITROGEN	13.0	mg m^{-3}
ATP	0.040	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.39×10^{-5}
FLAGELLATES	2.48×10^{-5}
DINOFLAGELLATES	4.57×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.65×10^{-3}
MICROZOOPLANKTON	1.42×10^{-2}
FAECAL PELLETS	0.0

DATE: 13/ 2/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	4627611.940	38.52	38.52	.019	1.28	1.28
2.52	8.35	3829850.746	70.41	70.41	.032	3.42	3.42
3.17	16.77	1204477.611	80.43	80.43	.020	4.76	4.76
4.00	33.38	1059701.492	89.26	89.26	.035	7.13	7.13
5.04	66.76	465671.641	93.13	93.13	.031	9.21	9.21
6.35	132.90	285820.895	95.51	95.51	.038	11.76	11.76
8.00	267.01	287313.432	97.90	97.90	.077	16.90	16.90
10.08	537.30	194029.850	99.52	99.52	.104	23.84	23.84
12.70	1068.23	34328.358	99.81	99.81	.036	26.30	26.30
16.00	2136.06	11194.029	99.90	99.90	.024	27.90	27.90
20.20	4298.42	2238.805	99.92	.01	.009	28.54	.64
25.40	8545.85	2325.581	99.94	.03	.020	29.87	1.97
32.00	17088.51	1686.046	99.95	.05	.029	31.81	3.90
40.30	34132.61	1802.325	99.97	.06	.062	35.94	8.04
50.80	68366.83	1162.790	99.98	.00	.080	41.28	5.33
64.00	136708.10	930.232	99.98	.01	.128	49.82	13.87
80.60	273060.85	755.813	99.99	.02	.208	63.70	27.75
101.60	553419.97	523.255	99.99	.02	.288	82.91	46.97
128.00	1093664.77	116.279	99.99	.02	.128	91.45	55.51
161.00	2184016.90	58.139	100.00	.00	.128	99.99	8.54
203.00	4377906.30	.000	100.00	.00	.000	99.99	8.54
TOTAL		12011599.270			1.498		

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13/02/74 20.0 m

CARBON	139	mg m^{-3}
NITROGEN	11.0	mg m^{-3}
ATP	0.10	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.82×10^{-5}
FLAGELLATES	1.75×10^{-4}
DINOFLAGELLATES	6.59×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	8.92×10^{-4}
MICROZOOPLANKTON	3.89×10^{-2}
FAECAL PELLETS	1.98×10^{-3}

DATE: 13/ 2/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	6826865.671	53.21	53.21	.028	3.77	3.77
2.52	8.35	2567164.179	73.22	73.22	.021	6.63	6.63
3.17	16.77	2269402.985	90.91	90.91	.038	11.66	11.66
4.00	33.38	723880.597	96.55	96.55	.024	14.87	14.87
5.04	66.76	253731.343	98.53	98.53	.017	17.13	17.13
6.35	132.90	115671.641	99.43	99.43	.015	19.18	19.18
8.00	267.01	41791.044	99.75	99.75	.011	20.67	20.67
10.08	537.30	14925.373	99.87	99.87	.008	21.73	21.73
12.70	1068.23	5970.149	99.92	99.92	.064	30.22	30.22
16.00	2136.06	2238.805	99.93	99.93	.004	30.85	30.85
20.20	4298.42	1492.537	99.95	.01	.006	31.70	.84
25.40	8545.85	1453.488	99.96	.02	.012	33.29	2.43
32.00	17088.51	1220.930	99.97	.03	.021	36.08	5.22
40.30	34132.61	988.372	99.97	.04	.034	40.59	9.73
50.80	68366.83	1046.511	99.98	.00	.072	50.13	9.54
64.00	136708.10	1104.651	99.99	.01	.152	70.29	29.70
80.60	273060.85	348.837	99.99	.01	.096	83.02	42.43
101.60	553419.97	232.558	100.00	.02	.128	99.99	59.40
128.00	1093664.77	.000	100.00	.02	.000	99.99	59.40
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		12829529.676			.754		

13/02/74 30.0 m

CARBON	119	mg m^{-3}
NITROGEN	9.0	mg m^{-3}
ATP	0.184	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.59×10^{-5}
FLAGELLATES	0.0
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.59×10^{-5}
MICROZOOPLANKTON	7.56×10^{-1}
FAECAL PELLETS	0.0

DATE: 13/ 2/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7538059.701	54.03	54.03	.031	4.58	4.58
2.52	8.35	2877611.940	74.66	74.66	.024	8.09	8.09
3.17	16.77	2400746.268	91.86	91.86	.040	13.94	13.94
4.00	33.38	613432.835	96.26	96.26	.020	16.92	16.92
5.04	66.76	281343.283	98.28	98.28	.018	19.66	19.66
6.35	132.90	130597.014	99.21	99.21	.017	22.21	22.21
8.00	267.01	55223.880	99.61	99.61	.014	24.36	24.36
10.08	537.30	29104.477	99.82	99.82	.015	26.63	26.63
12.70	1068.23	10447.761	99.89	99.89	.011	28.26	28.26
16.00	2136.06	7462.686	99.95	99.95	.016	30.59	30.59
20.20	4298.42	2985.074	99.97	.02	.012	32.45	1.86
25.40	8545.85	697.674	99.97	.02	.006	33.33	2.73
32.00	17088.51	930.232	99.98	.03	.016	35.66	5.06
40.30	34132.61	523.255	99.98	.03	.018	38.28	7.68
50.80	68366.83	465.116	99.99	.00	.032	42.94	4.65
64.00	136708.10	523.255	99.99	.00	.072	53.42	15.13
80.60	273060.85	232.558	99.99	.00	.064	62.73	24.45
101.60	553419.97	116.279	99.99	.00	.064	72.05	33.77
128.00	1093664.77	58.139	99.99	.01	.064	81.36	43.08
161.00	2184016.90	58.139	100.00	.00	.128	99.99	18.63
203.00	4377906.30	.000	100.00	.00	.000	99.99	18.63
TOTAL		13950619.575			.687		

13/02/74 40.0 m

CARBON	129	mg m^{-3}
NITROGEN	11.0	mg m^{-3}
ATP	0.112	mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.97×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	7.97×10^{-4}
MICROZOOPLANKTON	1.80×10^{-3}
FAECAL PELLETS	0.0

DATE: 13/ 2/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10186567.164	49.81	49.81	.042	3.79	3.79
2.52	8.35	5194776.119	75.21	75.21	.043	7.67	7.67
3.17	16.77	2891044.776	89.34	89.34	.048	11.98	11.98
4.00	33.38	1064179.104	94.55	94.55	.035	15.15	15.15
5.04	66.76	541044.776	97.19	97.19	.036	18.37	18.37
6.35	132.90	249253.731	98.41	98.41	.033	21.35	21.35
8.00	267.01	156716.417	99.18	99.18	.042	25.09	25.09
10.08	537.30	91044.776	99.62	99.62	.048	29.44	29.44
12.70	1068.23	38059.701	99.81	99.81	.040	33.07	33.07
16.00	2136.06	23134.328	99.92	99.92	.049	37.49	37.49
20.20	4298.42	6716.417	99.96	.03	.028	40.06	2.56
25.40	8545.85	2238.805	99.97	.04	.019	41.77	4.27
32.00	17088.51	1492.537	99.97	.05	.025	44.05	6.55
40.30	34132.61	1744.186	99.98	.05	.060	49.39	11.90
50.80	68366.83	930.232	99.99	.00	.064	55.10	5.70
64.00	136708.10	872.093	99.99	.00	.120	65.79	16.39
80.60	273060.85	465.116	99.99	.01	.128	77.19	27.79
101.60	553419.97	232.558	99.99	.01	.128	88.59	39.19
128.00	1093664.77	.000	99.99	.01	.000	88.59	39.19
161.00	2184016.90	58.139	100.00	.00	.128	99.99	11.40
203.00	4377906.30	.000	100.00	.00	.000	99.99	11.40
TOTAL		20450570.981			1.122		

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13/02/74 60.0 m

CARBON	122	mg m^{-3}
NITROGEN	10.0	mg m^{-3}
ATP	0.114	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.40×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.40×10^{-3}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 1/ 3/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	53663432.835	66.08	66.03			
2.52	8.35	18109701.492	88.38	88.38	.224	19.62	19.62
3.17	16.77	6065671.641	95.85	95.85	.151	32.86	32.86
4.00	33.38	1976119.402	98.29	98.29	.101	41.74	41.74
5.04	66.76	650000.000	99.09	99.09	.066	47.52	47.52
6.35	132.90	327611.940	99.49	99.49	.043	51.32	51.32
8.00	267.01	214179.104	99.75	99.75	.043	55.15	55.15
10.08	537.30	100000.000	99.88	99.88	.057	60.17	60.17
12.70	1068.23	40298.507	99.93	99.93	.053	64.85	64.85
16.00	2136.06	20149.253	99.95	99.95	.043	68.62	68.62
20.20	4298.42	18546.511	99.97	.02	.043	72.39	72.39
25.40	8545.85	12906.976	99.99	.03	.079	79.29	6.90
32.00	17088.51	3255.313	99.99	.04	.111	88.99	16.59
40.30	34132.61	872.093	99.99	.04	.056	93.88	21.48
50.80	68366.83	232.558	99.99	.00	.030	96.50	24.10
64.00	136708.10	174.418	100.00	.00	.016	97.90	1.39
80.60	273060.85	.000	100.00	.00	.024	99.99	3.49
101.60	553419.97	.000	100.00	.00	.000	99.99	3.49
128.00	1093664.77	.000	100.00	.00	.000	99.99	3.49
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		81203152.550			1.144		

01/03/74 0 m

CARBON	408	mg m^{-3}
NITROGEN	24.0	mg m^{-3}
ATP	0.196	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	1.82×10^{-4}
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.82×10^{-4}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 1/ 3/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	17347761.194	46.97	46.97	.072	1.87	1.87
2.52	8.35	8662686.567	70.43	70.43	.072	3.74	3.74
3.17	16.77	4156716.417	81.69	81.69	.069	5.53	5.53
4.00	33.38	2338059.701	88.02	88.02	.078	7.55	7.55
5.04	66.76	1200746.268	91.27	91.27	.080	9.62	9.62
6.35	132.90	761940.298	93.34	93.34	.102	12.25	12.25
8.00	267.01	1410447.761	97.16	97.16	.378	22.00	22.00
10.08	537.30	900746.268	99.59	99.59	.482	34.44	34.44
12.70	1068.23	76865.671	99.80	99.80	.082	36.56	36.56
16.00	2136.06	21641.791	99.86	99.86	.046	37.76	37.76
20.20	4298.42	16417.910	99.91	.04	.070	39.57	1.81
25.40	8545.85	8779.069	99.93	.06	.075	41.51	3.74
32.00	17088.51	6569.767	99.95	.08	.113	44.42	6.66
40.30	34132.61	5348.837	99.96	.10	.184	49.16	11.40
50.80	68366.83	5639.534	99.98	.01	.338	59.16	10.00
64.00	136708.10	4651.162	99.99	.02	.640	75.66	26.49
80.60	273060.85	1220.930	99.99	.03	.336	84.32	35.15
101.60	553419.97	290.697	99.99	.03	.160	88.45	39.28
128.00	1093664.77	290.697	99.99	.03	.320	96.70	47.53
161.00	2184016.90	58.139	100.00	.00	.128	99.99	3.29
203.00	4377906.30	.000	100.00	.00	.000	99.99	3.29
TOTAL		36926878.686			3.879		

01/03/74 2.5 m

CARBON	274	mg m^{-3}
NITROGEN	35.0	mg m^{-3}
ATP	0.562	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	2.06×10^{-3}
DINOFLAGELLATES	2.29×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.35×10^{-3}
MICROZOOPLANKTON	3.90×10^{-3}
FAECAL PELLETS	0.0

DATE: 1/ 3/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	14392537.313	47.71	47.71	.060	1.95	1.95
2.52	8.35	7279850.746	71.85	71.85	.060	3.93	3.93
3.17	16.77	3162686.567	82.34	82.34	.052	5.65	5.65
4.00	33.38	1688805.970	87.94	87.94	.056	7.49	7.49
5.04	66.76	872388.059	90.83	90.83	.058	9.39	9.39
6.35	132.90	623134.328	92.89	92.89	.083	12.10	12.10
8.00	267.01	1185074.626	96.82	96.82	.317	22.43	22.43
10.08	537.30	836567.164	99.60	99.60	.448	37.00	37.00
12.70	1068.23	55970.149	99.78	99.78	.060	38.95	38.95
16.00	2136.06	27611.940	99.87	99.87	.059	40.88	40.88
20.20	4298.42	10447.761	99.91	99.91	.044	42.34	1.45
25.40	8545.85	6716.417	99.93	99.93	.057	44.21	3.32
32.00	17088.51	4418.604	99.95	99.95	.076	46.68	5.79
40.30	34132.61	5581.395	99.96	99.96	.192	52.92	12.04
50.80	68366.83	5465.116	99.98	99.98	.376	65.14	12.22
64.00	136708.10	2558.139	99.99	99.99	.352	76.59	23.66
80.60	273060.85	755.813	99.99	99.99	.208	83.35	30.42
101.60	553419.97	465.116	100.00	100.00	.256	91.67	36.75
128.00	1093664.77	232.558	100.00	100.00	.256	99.99	47.07
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000		.00	.000	99.99	.00
TOTAL		30161267.787			3.076		

01/03/74	5.0 m	
CARBON	213	mg m^{-3}
NITROGEN	30.0	mg m^{-3}
ATP	0.268	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.31×10^{-3}
FLAGELLATES	1.78×10^{-3}
DINOFLAGELLATES	1.43×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.74×10^{-2}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 1/ 3/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8217164.179	42.97	42.97	.034	1.64	1.64
2.52	8.35	5049253.731	69.38	69.38	.042	3.65	3.65
3.17	16.77	2135820.895	80.55	80.55	.035	5.36	5.36
4.00	33.38	1272388.059	87.20	87.20	.042	7.40	7.40
5.04	66.76	632835.820	90.51	90.51	.042	9.42	9.42
6.35	132.90	432089.552	92.77	92.77	.057	12.19	12.19
8.00	267.01	801492.537	96.96	96.96	.214	22.45	22.45
10.08	537.30	476865.671	99.46	99.46	.255	34.66	34.66
12.70	1068.23	47761.194	99.71	99.71	.051	37.11	37.11
16.00	2136.06	17910.447	99.80	99.80	.038	38.94	38.94
20.20	4298.42	15639.534	99.88	.08	.067	42.14	3.20
25.40	8545.85	7267.441	99.92	.11	.062	45.10	6.16
32.00	17088.51	4941.860	99.95	.14	.085	49.16	10.22
40.30	34132.61	3720.930	99.96	.16	.128	55.28	16.33
50.80	68366.83	3255.813	99.98	.01	.224	65.98	10.70
64.00	136708.10	1104.651	99.99	.02	.152	73.24	17.96
80.60	273060.85	1104.651	99.99	.02	.304	87.76	32.48
101.60	553419.97	232.558	99.99	.02	.128	93.88	38.60
128.00	1093664.77	.000	99.99	.02	.000	93.88	38.60
161.00	2184016.90	58.139	100.00	.00	.128	99.99	6.11
203.00	4377906.30	.000	100.00	.00	.000	99.99	6.11
TOTAL		19120907.670			2.093		

01/03/74 10.0 m

CARBON	140	mg m^{-3}
NITROGEN	19.0	mg m^{-3}
ATP	0.208	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.60×10^{-5}
FLAGELLATES	2.14×10^{-3}
DINOFLAGELLATES	2.17×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.33×10^{-3}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 1/ 3/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12810447.761	51.84	51.84	.053	3.31	3.31
2.52	8.35	6400746.268	77.74	77.74	.053	6.62	6.62
3.17	16.77	2472388.059	87.75	87.75	.041	9.18	9.18
4.00	33.38	1350746.268	93.22	93.22	.045	11.97	11.97
5.04	66.76	646268.656	95.83	95.83	.043	14.65	14.65
6.35	132.90	420895.522	97.54	97.54	.056	18.13	18.13
8.00	267.01	355970.149	98.98	98.98	.095	24.03	24.03
10.08	537.30	170149.253	99.67	99.67	.091	29.67	29.67
12.70	1068.23	38059.701	99.82	99.82	.040	32.19	32.19
16.00	2136.06	17164.179	99.89	99.89	.036	34.46	34.46
20.20	4298.42	8208.955	99.92	.03	.035	36.64	2.17
25.40	8545.85	5970.149	99.95	.05	.051	39.80	5.33
32.00	17088.51	3139.534	99.96	.07	.054	43.14	8.67
40.30	34132.61	3372.093	99.97	.08	.116	50.31	15.84
50.80	68366.83	2732.558	99.98	.01	.188	61.93	11.61
64.00	136708.10	1918.604	99.99	.01	.264	78.24	27.93
80.60	273060.85	465.116	99.99	.02	.128	86.15	35.84
101.60	553419.97	290.697	99.99	.02	.160	96.04	45.73
128.00	1093664.77	58.139	100.00	.02	.064	99.99	49.68
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		24708991.668			1.618		

01/03/74 15.0 m

CARBON	122	mg m^{-3}
NITROGEN	14.0	mg m^{-3}
ATP	0.208	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.61×10^{-5}
FLAGELLATES	9.04×10^{-5}
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.37×10^{-4}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 1/ 3/74 DEPTH: 20.0 M AREA: EE

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	6038805.970	47.97	47.97	.025	1.50	1.50
2.52	8.35	3722388.059	77.55	77.55	.031	3.37	3.37
3.17	16.77	1334328.358	88.15	88.15	.022	4.70	4.70
4.00	33.38	735820.895	93.99	93.99	.024	6.17	6.17
5.04	66.76	322388.059	96.55	96.55	.021	7.47	7.47
6.35	132.90	176865.671	97.96	97.96	.023	8.89	8.89
8.00	267.01	136567.164	99.04	99.04	.036	11.08	11.08
10.08	537.30	59701.492	99.52	99.52	.032	12.99	12.99
12.70	1068.23	26865.671	99.73	99.73	.028	14.72	14.72
16.00	2136.06	8955.223	99.80	99.80	.019	15.87	15.87
20.20	4298.42	6162.790	99.85	.04	.026	17.43	1.55
25.40	8545.85	4302.325	99.89	.08	.037	19.64	3.77
32.00	17088.51	4767.441	99.92	.12	.082	24.55	8.68
40.30	34132.61	3255.813	99.95	.14	.112	31.26	15.38
50.80	68366.83	2383.720	99.97	.01	.164	41.08	9.81
64.00	136708.10	1686.046	99.98	.03	.232	54.97	23.71
80.60	273060.85	988.372	99.99	.04	.272	71.25	39.99
101.60	553419.97	290.697	99.99	.04	.160	80.83	49.57
128.00	1093664.77	174.418	99.99	.04	.192	92.33	61.07
161.00	2184016.90	58.139	100.00	.00	.128	99.99	7.66
203.00	4377906.30	.000	100.00	.00	.000	99.99	7.66
TOTAL		12586756.333			1.670		

01/03/74 20.0 m

CARBON	131	mg m^{-3}
NITROGEN	13.0	mg m^{-3}
ATP	0.072	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.76×10^{-4}
FLAGELLATES	7.03×10^{-5}
DINOFLAGELLATES	2.18×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.23×10^{-2}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 1/ 3/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	6637313.432	46.27	46.27	.027	1.76	1.76
2.52	8.35	4032089.552	74.39	74.39	.033	3.91	3.91
3.17	16.77	1685820.895	86.14	86.14	.028	5.71	5.71
4.00	33.38	998507.462	93.10	93.10	.033	7.84	7.84
5.04	66.76	463432.835	96.34	96.34	.031	9.82	9.82
6.35	132.90	241044.776	98.02	98.02	.032	11.88	11.86
8.00	267.01	139552.238	98.99	98.99	.037	14.27	14.27
10.08	537.30	55955.223	99.40	99.40	.031	16.29	16.29
12.70	1068.23	37313.432	99.66	99.66	.040	18.84	18.84
16.00	2136.06	21641.791	99.81	99.81	.046	21.80	21.80
20.20	4298.42	8208.955	99.87	.05	.035	24.05	2.24
25.40	8545.85	5116.279	99.91	.09	.044	26.86	5.05
32.00	17088.51	3488.372	99.93	.11	.060	30.69	8.88
40.30	34132.61	2965.116	99.95	.13	.102	37.20	15.39
50.80	68366.83	3604.651	99.98	.02	.248	53.02	15.82
64.00	136708.10	1627.906	99.99	.03	.224	67.32	30.12
80.60	273060.85	930.232	99.99	.04	.256	83.66	46.46
101.60	553419.97	116.279	99.99	.04	.064	87.74	50.54
128.00	1093664.77	174.418	100.00	.04	.192	99.99	62.79
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		14341903.851			1.566		

100

01/03/74 30.0 m

CARBON	125	mg m^{-3}
NITROGEN	13.0	mg m^{-3}
ATP	0.0040	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.72×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	5.80×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	5.85×10^{-2}
MICROZOOPLANKTON	2.6×10^{-3}
FAECAL PELLETS	0.0

DATE: 1/ 3/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8717164.179	41.50	41.50	.036	1.83	1.83
2.52	8.35	5655970.149	68.43	68.43	.047	4.20	4.20
3.17	16.77	3359701.492	84.43	84.43	.056	7.02	7.02
4.00	33.38	1551492.537	91.81	91.81	.051	9.62	9.62
5.04	66.76	753731.343	95.40	95.40	.050	12.16	12.16
6.35	132.90	417164.179	97.39	97.39	.055	14.92	14.92
8.00	267.01	252985.074	98.59	98.59	.067	18.32	18.32
10.08	537.30	143283.582	99.27	99.27	.076	22.17	22.17
12.70	1068.23	79104.477	99.65	99.65	.084	26.43	26.43
16.00	2136.06	31279.069	99.80	99.80	.087	29.79	29.79
20.20	4298.42	15348.837	99.87	.07	.066	33.10	3.31
25.40	8545.85	10000.000	99.92	.12	.086	37.42	7.62
32.00	17088.51	5755.813	99.95	.14	.099	42.39	12.59
40.30	34132.61	4069.767	99.97	.16	.140	49.41	19.62
50.80	68366.83	2441.860	99.98	.01	.168	57.84	8.43
64.00	136708.10	2034.883	99.99	.02	.280	71.89	22.43
80.60	273060.85	988.372	99.99	.02	.272	85.54	36.13
101.60	553419.97	406.976	99.99	.02	.224	96.78	47.37
128.00	1093664.77	58.139	100.00	.02	.064	99.99	50.58
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		21002980.735			1.992		

01/03/74 40.0 m

CARBON	137	mg m^{-3}
NITROGEN	11.0	mg m^{-3}
ATP	0.0040	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.31×10^{-4}
FLAGELLATES	1.15×10^{-5}
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.43×10^{-4}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 1/ 3/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8506716.417	50.87	50.87	.035	2.55	2.55
2.52	8.35	4691791.044	78.94	78.94	.039	5.35	5.35
3.17	16.77	1685820.895	89.02	89.02	.028	7.37	7.37
4.00	33.38	861940.298	94.13	94.13	.028	9.44	9.44
5.04	66.76	465671.641	96.96	96.96	.031	11.67	11.67
6.35	132.90	272388.059	98.59	98.59	.036	14.29	14.29
8.00	267.01	130597.014	99.37	99.37	.035	16.79	16.79
10.08	537.30	52985.074	99.69	99.69	.028	18.83	18.83
12.70	1068.23	20149.253	99.81	99.81	.021	20.38	20.38
16.00	2136.06	14179.104	99.89	99.89	.030	22.55	22.55
20.20	4298.42	6104.651	99.93	.03	.026	24.42	1.86
25.40	8545.85	2616.279	99.95	.05	.022	25.99	3.43
32.00	17088.51	2267.441	99.96	.06	.039	28.79	6.23
40.30	34132.61	1337.209	99.97	.07	.046	32.08	9.52
50.80	68366.83	2034.883	99.98	.01	.140	42.11	10.02
64.00	136708.10	1337.209	99.99	.02	.184	55.29	23.21
80.60	273060.85	639.534	99.99	.02	.176	67.90	35.81
101.60	553419.97	581.395	99.99	.02	.320	90.83	58.74
128.00	1093664.77	116.279	100.00	.02	.128	99.99	67.91
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		16719273.688			1.395		

01/03/74 60.0 m

CARBON	97.0	mg m^{-3}
NITROGEN	8.00	mg m^{-3}
ATP	0.0040	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.60×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.60×10^{-4}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 4/ 3/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	14240298.507	43.62	43.62	.059	3.16	3.16
2.52	8.35	8036567.164	68.24	68.24	.067	6.73	6.73
3.17	16.77	4264925.373	81.31	81.31	.071	10.52	10.52
4.00	33.38	2461940.298	88.85	88.85	.082	14.89	14.89
5.04	66.76	1232089.552	92.63	92.63	.082	19.27	19.27
6.35	132.90	887313.432	95.34	95.34	.118	25.59	25.59
8.00	267.01	755970.149	97.66	97.66	.202	36.34	36.34
10.08	537.30	605223.880	99.51	99.51	.324	53.56	53.56
12.70	1068.23	98507.462	99.82	99.82	.105	59.16	59.16
16.00	2136.06	24626.865	99.89	99.89	.052	61.97	61.97
20.20	4298.42	16417.910	99.94	.05	.070	65.70	3.73
25.40	8545.85	8604.651	99.97	.07	.074	69.63	7.66
32.00	17088.51	2906.976	99.98	.08	.050	72.29	10.31
40.30	34132.61	2151.162	99.98	.09	.074	76.21	14.24
50.80	68366.83	2209.302	99.99	.00	.152	84.28	8.06
64.00	136708.10	755.813	99.99	.00	.104	89.80	13.58
80.60	273060.85	465.116	99.99	.01	.128	96.60	20.38
101.60	553419.97	116.279	100.00	.01	.064	99.99	23.78
128.00	1093664.77	.000	100.00	.01	.000	99.99	23.78
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		32641089.898			1.883		

04/03/74 0 m

CARBON	296	mg m^{-3}
NITROGEN	27.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	1.06×10^{-2}
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.06×10^{-2}
MICROZOOPLANKTON	1.35×10^{-2}
FAECAL PELLETS	0.0

DATE: 4/ 3/74 DEPTH: 2.5 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	13109701.492	43.24	43.24	.054	1.59	1.59
2.52	8.35	7351492.537	67.49	67.49	.061	3.38	3.38
3.17	16.77	3867910.447	80.25	80.25	.064	5.26	5.26
4.00	33.38	2255223.880	87.69	87.69	.075	7.46	7.46
5.04	66.76	1122388.059	91.40	91.40	.075	9.64	9.64
6.35	132.90	870895.522	94.27	94.27	.116	13.04	13.04
8.00	267.01	819402.985	96.97	96.97	.219	19.42	19.42
10.08	537.30	745522.388	99.43	99.43	.399	31.05	31.05
12.70	1068.23	85820.895	99.71	99.71	.092	33.72	33.72
16.00	2136.06	20895.522	99.78	99.78	.044	35.02	35.02
20.20	4298.42	29104.477	99.88	.09	.124	38.65	3.62
25.40	8545.85	14534.883	99.93	.14	.125	42.29	7.26
32.00	17088.51	5232.558	99.94	.16	.090	44.91	9.88
40.30	34132.61	4244.186	99.96	.17	.146	49.15	14.12
50.80	68366.83	5523.255	99.98	.01	.380	60.21	11.05
64.00	136708.10	3895.348	99.99	.03	.536	75.80	26.64
80.60	273060.85	1162.790	99.99	.03	.320	85.10	35.94
101.60	553419.97	465.116	99.99	.03	.256	92.55	43.39
128.00	1093664.77	116.279	99.99	.03	.128	96.27	47.11
161.00	2184016.90	58.139	100.00	.00	.128	99.99	3.72
203.00	4377906.30	.000	100.00	.00	.000	99.99	3.72
TOTAL		30313590.766			3.438		

04/03/74 2.5 m

CARBON	267	mg m^{-3}
NITROGEN	31.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.97×10^{-4}
FLAGELLATES	2.02×10^{-2}
DINOFLAGELLATES	1.04×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.17×10^{-2}
MICROZOOPLANKTON	1.86×10^{-2}
FAECAL PELLETS	0.0

DATE: 4/ 3/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12768656.716	46.93	46.93	.053	1.59	1.59
2.52	8.35	5615671.641	67.58	67.58	.047	2.99	2.99
3.17	16.77	3258208.955	79.56	79.56	.054	4.61	4.61
4.00	33.38	1897761.194	86.53	86.53	.063	6.50	6.50
5.04	66.76	1029104.477	90.32	90.32	.068	8.56	8.56
6.35	132.90	743283.582	93.05	93.05	.099	11.53	11.53
8.00	267.01	773880.597	95.89	95.89	.207	17.71	17.71
10.08	537.30	922388.059	99.28	99.28	.494	32.44	32.44
12.70	1068.23	126119.402	99.75	99.75	.135	36.47	36.47
16.00	2136.06	25373.134	99.84	99.84	.054	38.09	38.09
20.20	4298.42	15671.641	99.90	.05	.067	40.10	2.00
25.40	8545.85	8955.223	99.93	.09	.076	42.38	4.29
32.00	17088.51	3546.511	99.94	.10	.061	44.20	6.10
40.30	34132.61	3604.651	99.96	.11	.124	47.90	9.80
50.80	68366.83	4825.581	99.98	.01	.332	57.79	9.89
64.00	136708.10	3197.674	99.99	.02	.440	70.91	23.00
80.60	273060.85	988.372	99.99	.03	.272	79.01	31.11
101.60	553419.97	697.674	99.99	.03	.384	90.46	42.55
128.00	1093664.77	290.697	100.00	.03	.320	99.99	52.09
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		27202225.788			3.355		

04/03/74 5.0 m

CARBON	220	mg m^{-3}
NITROGEN	31.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.60×10^{-3}
FLAGELLATES	4.17×10^{-3}
DINOFLAGELLATES	2.43×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.02×10^{-2}
MICROZOOPLANKTON	1.39×10^{-2}
FAECAL PELLETS	0.0

DATE: 4/ 3/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8805970.149	41.04	41.04	.036	.80	.80
2.52	8.35	5601492.537	67.14	67.14	.046	1.82	1.82
3.17	16.77	2835820.895	80.36	80.36	.047	2.86	2.86
4.00	33.38	1629104.477	87.95	87.95	.054	4.04	4.04
5.04	66.76	779104.477	91.58	91.58	.052	5.18	5.18
6.35	132.90	570149.253	94.24	94.24	.076	6.85	6.85
8.00	267.01	516417.910	96.65	96.65	.138	9.86	9.86
10.08	537.30	579104.477	99.34	99.34	.310	16.63	16.63
12.70	1068.23	74626.865	99.69	99.69	.030	18.38	18.38
16.00	2136.06	20149.253	99.79	99.79	.043	19.32	19.32
20.20	4298.42	12686.567	99.85	.05	.054	20.50	1.18
25.40	8545.85	6220.930	99.87	.08	.053	21.66	2.34
32.00	17088.51	4360.465	99.90	.10	.075	23.29	3.97
40.30	34132.61	4709.302	99.92	.13	.162	26.83	7.50
50.80	68366.83	6918.604	99.95	.03	.476	37.20	10.37
64.00	136708.10	5465.116	99.97	.05	.752	53.60	26.77
80.60	273060.85	3081.395	99.99	.07	.848	72.09	45.26
101.60	553419.97	813.953	99.99	.07	.448	81.86	55.02
128.00	1093664.77	290.697	99.99	.07	.320	88.83	62.00
161.00	2184016.90	116.279	99.99	.00	.256	94.41	5.58
203.00	4377906.30	58.139	100.00	.00	.256	99.99	11.16
TOTAL		21456661.748			4.586		

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04/03/74	10.0 m	
CARBON	188	mg m^{-3}
NITROGEN	23.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.62×10^{-4}
FLAGELLATES	8.55×10^{-3}
DINOFLAGELLATES	2.60×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.14×10^{-2}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 4/ 3/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7193283.582	36.66	36.66	.030	1.05	1.05
2.52	8.35	6653731.343	70.58	70.58	.055	3.00	3.00
3.17	16.77	2315671.641	82.38	82.38	.038	4.36	4.36
4.00	33.38	1412686.567	89.58	89.58	.047	6.02	6.02
5.04	66.76	732835.820	93.32	93.32	.049	7.74	7.74
6.35	132.90	428358.208	95.50	95.50	.057	9.75	9.75
8.00	267.01	383582.089	97.46	97.46	.102	13.36	13.36
10.08	537.30	358208.955	99.29	99.29	.192	20.09	20.09
12.70	1068.23	64925.373	99.62	99.62	.069	22.53	22.53
16.00	2136.06	28255.813	99.76	99.76	.060	24.64	24.64
20.20	4298.42	15639.534	99.84	.07	.067	26.99	2.34
25.40	8545.85	7965.116	99.88	.12	.068	29.37	4.73
32.00	17088.51	6162.790	99.91	.15	.106	33.09	8.45
40.30	34132.61	4883.720	99.94	.17	.168	38.98	14.34
50.80	68366.83	5290.697	99.96	.02	.364	51.74	12.76
64.00	136708.10	3720.930	99.98	.04	.512	69.70	30.71
80.60	273060.85	1627.906	99.99	.05	.448	85.41	46.42
101.60	553419.97	755.813	100.00	.05	.416	99.99	61.01
128.00	1093664.77	.000	100.00	.05	.000	99.99	61.01
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		19617585.906			2.851		

04/03/74 15.0 m

CARBON	146	mg m^{-3}
NITROGEN	20.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.25×10^{-4}
FLAGELLATES	4.86×10^{-3}
DINOFLAGELLATES	7.97×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.30×10^{-2}
MICROZOOPLANKTON	1.42×10^{-2}
FAECAL PELLETS	0.0

DATE: 4/ 3/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8705970.149	50.71	50.71	.036	.83	.83
2.52	8.35	3795522.388	72.81	72.81	.031	1.55	1.55
3.17	16.77	2044776.119	84.72	84.72	.034	2.34	2.34
4.00	33.38	1183582.089	91.62	91.62	.039	3.24	3.24
5.04	66.76	601492.537	95.12	95.12	.040	4.17	4.17
6.35	132.90	330597.014	97.05	97.05	.044	5.18	5.18
8.00	267.01	247014.925	98.49	98.49	.066	6.70	6.70
10.08	537.30	158208.955	99.41	99.41	.084	8.64	8.64
12.70	1068.23	44029.850	99.66	99.66	.047	9.72	9.72
16.00	2136.06	11194.029	99.73	99.73	.024	10.27	10.27
20.20	4298.42	9593.023	99.79	.05	.041	11.21	.93
25.40	8545.85	5581.395	99.82	.03	.048	12.31	2.03
32.00	17088.51	4941.860	99.85	.11	.085	14.26	3.98
40.30	34132.61	7093.023	99.89	.15	.244	19.84	9.57
50.80	68366.83	7267.441	99.93	.04	.500	31.29	11.45
64.00	136708.10	6104.651	99.97	.07	.840	50.53	30.68
80.60	273060.85	3546.511	99.99	.09	.976	72.88	53.03
101.60	553419.97	1104.651	99.99	.10	.608	86.80	66.96
128.00	1093664.77	290.697	99.99	.10	.320	94.13	74.28
161.00	2184016.90	116.279	100.00	.00	.256	99.99	5.86
203.00	4377906.30	.000	100.00	.00	.000	99.99	5.86
TOTAL		17168027.593			4.366		

04/03/74 20.0 m

CARBON	119	mg m^{-3}
NITROGEN	13.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.03×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	5.35×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	5.55×10^{-3}
MICROZOOPLANKTON	3.00×10^{-4}
FAECAL PELLETS	0.0

DATE: 4/ 3/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8067164.179	52.05	52.05	.033	1.60	1.60
2.52	8.35	3431343.283	74.20	74.20	.028	2.97	2.97
3.17	16.77	1813656.716	85.93	85.93	.030	4.42	4.42
4.00	33.38	1031343.283	92.59	92.59	.034	6.06	6.06
5.04	66.76	541044.776	96.08	96.08	.036	7.79	7.79
6.35	132.90	270895.522	97.83	97.83	.036	9.52	9.52
8.00	267.01	182089.552	99.00	99.00	.048	11.84	11.84
10.08	537.30	86567.164	99.56	99.56	.046	14.05	14.05
12.70	1068.23	32089.552	99.77	99.77	.034	15.69	15.69
16.00	2136.06	9701.492	99.83	99.83	.020	16.68	16.68
20.20	4298.42	4477.611	99.86	.02	.019	17.60	.91
25.40	8545.85	5058.139	99.89	.06	.043	19.65	2.96
32.00	17088.51	4069.767	99.92	.08	.070	22.98	6.30
40.30	34132.61	4534.883	99.95	.11	.156	30.42	13.73
50.80	68366.83	2848.837	99.97	.01	.196	39.76	9.34
64.00	136708.10	2325.581	99.98	.03	.320	55.01	24.59
80.60	273060.85	1220.930	99.99	.04	.336	71.02	40.60
101.60	553419.97	988.372	99.99	.04	.544	96.95	66.52
128.00	1093664.77	58.139	100.00	.04	.054	99.99	69.57
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		15496477.784			2.098		

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04/03/74 30.0 m

CARBON	101	mg m^{-3}
NITROGEN	14.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.49×10^{-4}
FLAGELLATES	1.46×10^{-4}
DINOFLAGELLATES	8.16×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.31×10^{-3}
MICROZOOPLANKTON	3.40×10^{-3}
FAECAL PELLETS	0.0

DATE: 4/ 3/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7905223.880	55.56	55.56	.033	1.24	1.24
2.52	8.35	3123880.597	77.51	33.32	.026	2.23	3.19
3.17	16.77	1537313.432	88.32	94.19	.025	3.19	4.25
4.00	33.38	835820.895	94.19	97.10	.028	4.25	5.29
5.04	66.76	413432.835	97.10	98.64	.027	5.29	6.40
6.35	132.90	219402.985	98.64	99.34	.029	6.40	7.40
8.00	267.01	99253.731	99.34	99.63	.026	7.40	8.38
10.08	537.30	48507.462	99.63	99.79	.026	8.38	9.04
12.70	1068.23	16417.910	99.79	99.84	.017	9.04	9.59
16.00	2136.06	6716.417	99.84	.02	.014	9.59	.60
20.20	4298.42	3837.209	99.87	.05	.016	10.19	1.77
25.40	8545.85	3488.372	99.89	.06	.030	11.32	2.93
32.00	17088.51	1860.465	99.91	.03	.032	12.52	6.47
40.30	34132.61	2732.558	99.92	.02	.094	16.07	9.19
50.80	68366.83	3546.511	99.95	.05	.244	25.26	28.47
64.00	136708.10	3720.930	99.98	.06	.512	44.54	44.14
80.60	273060.85	1511.627	99.99	.06	.416	60.21	62.23
101.60	553419.97	872.093	99.99	.06	.480	78.30	74.28
128.00	1093664.77	290.697	99.99	.00	.320	90.35	9.64
161.00	2184016.90	116.279	100.00	.00	.256	99.99	9.64
203.00	4377906.30	.000	100.00		.000	99.99	
TOTAL		14227946.892			2.654		

04/03/74	40.0 m	
CARBON	85.0	mg m^{-3}
NITROGEN	9.00	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.19×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	1.12×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.12×10^{-1}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 4/ 3/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9445522.388	41.64	41.64	.039	2.16	2.16
2.52	8.35	7617164.179	75.22	75.22	.063	5.65	5.65
3.17	16.77	2630597.014	86.82	86.82	.044	8.06	8.06
4.00	33.38	1461194.029	93.26	93.26	.048	10.74	10.74
5.04	66.76	813432.835	96.85	96.85	.054	13.73	13.73
6.35	132.90	401492.537	98.62	98.62	.053	16.68	16.68
8.00	267.01	202985.074	99.51	99.51	.054	19.66	19.66
10.08	537.30	59701.492	99.78	99.78	.032	21.41	21.41
12.70	1068.23	26119.402	99.89	99.89	.028	22.95	22.95
16.00	2136.06	8955.223	99.93	99.93	.019	24.00	24.00
20.20	4298.42	2985.074	99.94	.01	.012	24.70	.70
25.40	8545.85	1492.537	99.95	.01	.012	25.40	1.40
32.00	17088.51	2267.441	99.96	.02	.039	27.54	3.54
40.30	34132.61	2965.116	99.97	.04	.102	33.13	9.13
50.80	68366.83	1569.767	99.98	.00	.108	39.05	5.91
64.00	136708.10	1686.046	99.99	.01	.232	51.77	18.63
80.60	273060.85	988.372	99.99	.01	.272	66.67	33.54
101.60	553419.97	523.255	99.99	.02	.288	82.46	49.32
128.00	1093664.77	290.697	100.00	.02	.320	99.99	66.86
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		22681932.487			1.824		

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04/03/74	60.0 m		
CARBON	110	mg m^{-3}	
NITROGEN	10.0	mg m^{-3}	
ATP		mg m^{-3}	

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	3.88×10^{-5}
DINOFLAGELLATES	4.22×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.23×10^{-2}
MICROZOOPLANKTON	6.00×10^{-4}
FAECAL PELLETS	0.0

DATE: 6/ 3/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	21855970.149	46.95	46.95	.091	3.68	3.68
2.52	8.35	10634328.358	69.80	69.80	.089	7.27	7.27
3.17	16.77	5715671.641	82.08	82.08	.095	11.12	11.12
4.00	33.38	3061194.029	88.66	88.66	.102	15.26	15.26
5.04	66.76	1464179.104	91.81	91.81	.098	19.21	19.21
6.35	132.90	979104.477	93.91	93.91	.131	24.50	24.50
8.00	267.01	1223880.597	96.54	96.54	.328	37.71	37.71
10.08	537.30	1292537.313	99.32	99.32	.692	65.63	65.63
12.70	1068.23	224626.865	99.80	99.80	.240	75.33	75.33
16.00	2136.06	48507.462	99.90	99.90	.104	79.52	79.52
20.20	4298.42	25058.139	99.96	.05	.107	83.84	4.31
25.40	8545.85	11453.488	99.98	.07	.098	87.79	8.26
32.00	17088.51	3081.395	99.99	.08	.053	89.92	10.39
40.30	34132.61	1220.930	99.99	.08	.042	91.61	12.08
50.80	68366.83	1046.511	99.99	.00	.072	94.51	2.90
64.00	136708.10	406.976	99.99	.00	.056	96.77	5.15
80.60	273060.85	58.139	99.99	.00	.016	97.42	5.80
101.60	553419.97	.000	99.99	.00	.000	97.42	5.80
128.00	1093664.77	58.139	100.00	.00	.064	99.99	8.38
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		46542383.720			2.481		

06/03/74 0 m

CARBON	278	mg m^{-3}
NITROGEN	39.0	mg m^{-3}
ATP	0.253	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.16×10^{-4}
FLAGELLATES	7.57×10^{-3}
DINOFLAGELLATES	1.73×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.51×10^{-2}
MICROZOOPLANKTON	3.10×10^{-3}
FAECAL PELLETS	0.0

DATE: 6/ 3/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	13336567.164	42.59	42.59	.055	1.51	1.51
2.52	8.35	7024626.865	65.03	65.03	.058	3.10	3.10
3.17	16.77	3645522.388	76.67	76.67	.061	4.76	4.76
4.00	33.38	2014925.373	83.11	83.11	.067	6.59	6.59
5.04	66.76	1044776.119	86.44	86.44	.070	8.49	8.49
6.35	132.90	1017910.447	89.70	89.70	.136	12.18	12.18
8.00	267.01	1240298.507	93.66	93.66	.332	21.20	21.20
10.08	537.30	1660447.761	98.96	98.96	.890	45.33	45.33
12.70	1068.23	246268.656	99.75	99.75	.264	52.49	52.49
16.00	2136.06	23134.328	99.82	99.82	.049	53.84	53.84
20.20	4298.42	23134.328	99.90	.07	.099	56.53	2.69
25.40	8545.85	14186.046	99.94	.11	.122	59.83	5.99
32.00	17088.51	5406.976	99.96	.13	.093	62.36	8.52
40.30	34132.61	3837.209	99.97	.14	.132	65.94	12.09
50.80	68366.83	4418.604	99.98	.01	.304	74.18	8.24
64.00	136708.10	1802.325	99.99	.01	.248	80.90	14.96
80.60	273060.85	697.674	99.99	.02	.192	86.11	20.17
101.60	553419.97	813.953	99.99	.02	.448	98.26	32.32
128.00	1093664.77	58.139	100.00	.02	.064	99.99	34.05
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		31308832.869			3.687		

06/03/74 2.5 m

CARBON	208	mg m^{-3}
NITROGEN	29.0	mg m^{-3}
ATP	0.334	mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.38×10^{-4}
FLAGELLATES	9.54×10^{-3}
DINOFLAGELLATES	1.63×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.66×10^{-2}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 6/ 3/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11716417.910	43.67	43.67	.049	1.24	1.24
2.52	8.35	6073134.328	66.31	66.31	.050	2.52	2.52
3.17	16.77	2867910.447	77.01	77.01	.048	3.74	3.74
4.00	33.38	1667164.179	83.22	83.22	.055	5.15	5.15
5.04	66.76	936567.164	86.71	86.71	.062	6.74	6.74
6.35	132.90	821641.791	89.78	89.78	.110	9.53	9.53
8.00	267.01	1340298.507	94.77	94.77	.359	18.62	18.62
10.08	537.30	1176119.402	99.16	99.16	.630	34.59	34.59
12.70	1068.23	150746.268	99.72	99.72	.161	38.68	38.68
16.00	2136.06	24626.865	99.81	99.81	.052	40.02	40.02
20.20	4298.42	17164.179	99.88	.06	.073	41.88	1.86
25.40	8545.85	9069.767	99.91	.09	.078	43.85	3.83
32.00	17088.51	5058.139	99.93	.11	.087	46.06	6.04
40.30	34132.61	4011.627	99.94	.13	.138	49.55	9.53
50.80	68366.83	7790.697	99.97	.02	.536	63.12	13.57
64.00	136708.10	4186.046	99.99	.04	.576	77.71	28.15
80.60	273060.85	1337.209	99.99	.04	.368	87.03	37.47
101.60	553419.97	465.116	99.99	.05	.256	93.51	45.96
128.00	1093664.77	232.558	100.00	.05	.256	99.99	50.44
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		26823942.206			3.949		

06/03/74 5.0 m

CARBON	256	mg m^{-3}
NITROGEN	33.0	mg m^{-3}
ATP	0.308	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.61×10^{-4}
FLAGELLATES	1.43×10^{-3}
DINOFLAGELLATES	2.36×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.53×10^{-2}
MICROZOOPLANKTON	1.79×10^{-2}
FAECAL PELLETS	0.0

DATE: 6/ 3/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8703731.343	46.81	46.81	.036	1.25	1.25
2.52	8.35	4681343.283	71.99	71.99	.039	2.60	2.60
3.17	16.77	1929850.746	82.37	82.37	.032	3.71	3.71
4.00	33.38	1097014.925	88.27	88.27	.036	4.98	4.98
5.04	66.76	627611.940	91.64	91.64	.042	6.43	6.43
6.35	132.90	417910.447	93.89	93.89	.056	8.36	8.36
8.00	267.01	614925.373	97.20	97.20	.164	14.03	14.03
10.08	537.30	395522.388	99.33	99.33	.212	21.34	21.34
12.70	1068.23	62686.567	99.66	99.66	.067	23.66	23.66
16.00	2136.06	26119.402	99.81	99.81	.056	25.59	25.59
20.20	4298.42	11940.298	99.87	.06	.051	27.35	1.76
25.40	8545.85	7790.697	99.91	.10	.067	29.66	4.07
32.00	17088.51	5290.697	99.94	.13	.091	32.80	7.20
40.30	34132.61	3081.395	99.96	.15	.106	36.45	10.86
50.80	68366.83	3081.395	99.97	.01	.212	43.75	7.30
64.00	136708.10	1627.906	99.98	.02	.224	51.47	15.02
80.60	273060.85	1046.511	99.99	.03	.288	61.40	24.95
101.60	553419.97	988.372	99.99	.03	.544	80.15	43.69
128.00	1093664.77	406.976	99.99	.03	.448	95.58	59.13
161.00	2184016.90	58.139	100.00	.00	.128	99.99	4.41
203.00	4377906.30	.000	100.00	.00	.000	99.99	4.41
TOTAL		18592028.808			2.901		

06/03/74	10.0 m	
CARBON	129	mg m^{-3}
NITROGEN	14.0	mg m^{-3}
ATP	0.202	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.87×10^{-3}
FLAGELLATES	3.30×10^{-4}
DINOFLAGELLATES	5.78×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	7.98×10^{-3}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 6/ 3/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8789552.238	51.29	51.29	.036	1.94	1.94
2.52	8.35	3785820.895	73.39	73.39	.031	3.62	3.62
3.17	16.77	1921641.791	84.61	84.61	.032	5.32	5.32
4.00	33.38	1076865.671	90.89	90.89	.036	7.24	7.24
5.04	66.76	624626.865	94.54	94.54	.041	9.46	9.46
6.35	132.90	386567.164	96.79	96.79	.051	12.20	12.20
8.00	267.01	302985.074	98.56	98.56	.081	16.50	16.50
10.08	537.30	144776.119	99.41	99.41	.072	20.35	20.35
12.70	1068.23	53731.343	99.72	99.72	.057	23.40	23.40
16.00	2136.06	17910.447	99.82	99.82	.038	25.43	25.43
20.20	4298.42	8955.223	99.88	.05	.038	27.47	2.03
25.40	8545.85	5970.149	99.91	.08	.051	30.18	4.74
32.00	17088.51	3953.488	99.93	.11	.068	33.78	8.34
40.30	34132.61	2848.837	99.95	.12	.098	38.97	13.53
50.80	68366.83	3255.813	99.97	.01	.224	50.84	11.86
64.00	136708.10	2558.139	99.98	.03	.352	69.48	30.51
80.60	273060.85	1395.348	99.99	.04	.384	89.82	50.85
101.60	553419.97	348.837	100.00	.04	.192	99.99	61.02
128.00	1093664.77	.000	100.00	.04	.000	99.99	61.02
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		17133763.449			1.887		

06/03/74 15.0 m

CARBON	131	mg m^{-3}
NITROGEN	15.0	mg m^{-3}
ATP	0.180	mg m^{-3}

	VOLUME (PPM)
DIATOMS	8.57×10^{-5}
FLAGELLATES	5.08×10^{-4}
DINOFLAGELLATES	1.99×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.05×10^{-2}
MICROZOOPLANKTON	1.20×10^{-3}
FAECAL PELLETS	0.0

DATE: 6/ 3/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8570149.253	53.73	53.73	.035	2.28	2.28
2.52	8.35	3856716.417	77.92	77.92	.032	4.34	4.34
3.17	16.77	1733582.089	88.79	88.79	.029	6.19	6.19
4.00	33.38	910447.761	94.50	94.50	.030	8.14	8.14
5.04	66.76	449253.731	97.31	97.31	.030	10.06	10.06
6.35	132.90	205970.149	98.60	98.60	.027	11.82	11.82
8.00	267.01	101492.537	99.24	99.24	.027	13.56	13.56
10.08	537.30	55223.880	99.59	99.59	.029	15.45	15.45
12.70	1068.23	37313.432	99.82	99.82	.040	18.00	18.00
16.00	2136.06	14179.104	99.91	99.91	.030	19.94	19.94
20.20	4298.42	3731.343	99.93	.02	.016	20.97	1.02
25.40	8545.85	2441.860	99.95	.03	.021	22.31	2.36
32.00	17088.51	2151.162	99.96	.05	.037	24.67	4.72
40.30	34132.61	930.232	99.97	.05	.032	26.71	6.76
50.80	68366.83	1453.488	99.98	.00	.100	33.09	6.38
64.00	136708.10	872.093	99.98	.01	.120	40.75	14.04
80.60	273060.85	1279.069	99.99	.02	.352	63.23	36.51
101.60	553419.97	465.116	99.99	.02	.256	79.57	52.85
128.00	1093664.77	174.418	99.99	.02	.192	91.82	65.11
161.00	2184016.90	58.139	100.00	.00	.128	99.99	8.17
203.00	4377906.30	.000	100.00	.00	.000	99.99	8.17
TOTAL		15947885.281			1.566		

06/03/74 20.0 m

CARBON	278	mg m^{-3}
NITROGEN	8.00	mg m^{-3}
ATP	0.068	mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.27×10^{-5}
FLAGELLATES	0.0
DINOFLAGELLATES	1.23×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.24×10^{-2}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 6/ 3/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7468656.716	56.16	56.16	.031	5.66	5.66
2.52	8.35	2632089.552	75.96	75.96	.022	9.65	9.65
3.17	16.77	1479104.477	87.08	87.08	.024	14.13	14.13
4.00	33.38	828358.208	93.31	93.31	.027	19.15	19.15
5.04	66.76	413432.835	96.42	96.42	.027	24.18	24.18
6.35	132.90	220149.253	98.08	98.08	.029	29.53	29.53
8.00	267.01	129850.746	99.05	99.05	.034	35.84	35.84
10.08	537.30	61194.029	99.51	99.51	.032	41.79	41.79
12.70	1068.23	27611.940	99.72	99.72	.029	47.16	47.16
16.00	2136.06	23880.597	99.90	99.90	.051	56.45	56.45
20.20	4298.42	5988.372	99.95	.04	.025	60.99	4.53
25.40	8545.85	2500.000	99.96	.06	.021	64.80	8.34
32.00	17088.51	1744.186	99.98	.07	.030	70.24	13.78
40.30	34132.61	1279.069	99.99	.08	.044	78.22	21.77
50.80	68366.83	697.674	99.99	.00	.048	86.93	8.70
64.00	136708.10	290.697	99.99	.00	.040	94.19	15.96
80.60	273060.85	116.279	100.00	.00	.032	99.99	21.77
101.60	553419.97	.000	100.00	.00	.000	99.99	21.77
128.00	1093664.77	.000	100.00	.00	.000	99.99	.00
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00			
					.551		
TOTAL		13296944.636					

06/03/74 30.0 m

CARBON	116	mg m^{-3}
NITROGEN	6.00	mg m^{-3}
ATP	0.024	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.37×10^{-4}
FLAGELLATES	1.37×10^{-4}
DINOFLAGELLATES	6.13×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	6.60×10^{-3}
MICROZOOPLANKTON	1.16×10^{-2}
FAECAL PELLETS	0.0

DATE: 6/ 3/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8430597.014	47.26	47.26	.035	1.74	1.74
2.52	8.35	4714179.104	73.69	73.69	.039	3.68	3.68
3.17	16.77	2014179.104	84.98	84.98	.033	5.35	5.35
4.00	33.38	1102985.074	91.17	91.17	.036	7.17	7.17
5.04	66.76	669402.985	94.92	94.92	.044	9.38	9.38
6.35	132.90	356716.417	96.92	96.92	.047	11.74	11.74
8.00	267.01	233582.089	98.23	98.23	.062	14.84	14.84
10.08	537.30	120895.522	98.91	98.91	.064	18.04	18.04
12.70	1068.23	84328.358	99.38	99.38	.090	22.50	22.50
16.00	2136.06	44776.119	99.63	99.63	.096	27.24	27.24
20.20	4298.42	27965.116	99.79	.15	.120	33.17	5.92
25.40	8545.85	18139.534	99.89	.25	.156	40.88	13.63
32.00	17088.51	8430.232	99.94	.30	.145	48.04	20.79
40.30	34132.61	4302.325	99.96	.32	.148	55.35	28.10
50.80	68366.83	2906.976	99.98	.01	.200	65.22	9.87
64.00	136708.10	1976.744	99.99	.02	.272	78.66	23.31
80.60	273060.85	872.093	99.99	.03	.240	90.51	35.16
101.60	553419.97	232.558	99.99	.03	.128	96.83	41.48
128.00	1093664.77	58.139	100.00	.03	.064	99.99	44.64
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		17836525.511			2.024		

06/03/74 40.0 m

CARBON	120	mg m^{-3}
NITROGEN	7.00	mg m^{-3}
ATP	0.004	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.66×10^{-4}
FLAGELLATES	5.02×10^{-5}
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.89×10^{-4}
MICROZOOPLANKTON	1.44×10^{-2}
FAECAL PELLETS	0.0

DATE: 6/ 3/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9278358.208	48.05	48.05			
2.52	8.35	4961194.029	73.75	73.75	.038	3.49	3.49
3.17	16.77	2255970.149	85.44	85.44	.041	7.22	7.22
4.00	33.38	1257462.686	91.95	91.95	.037	10.61	10.61
5.04	66.76	647014.925	95.30	95.30	.042	14.40	14.40
6.35	132.90	385820.895	97.30	97.30	.043	18.29	18.29
8.00	267.01	285820.895	98.78	98.78	.051	22.95	22.95
10.08	537.30	136567.164	99.49	99.49	.076	29.84	29.84
12.70	1068.23	52985.074	99.76	99.76	.073	36.42	36.42
16.00	2136.06	23880.597	99.89	99.89	.056	41.53	41.53
20.20	4298.42	9701.492	99.94	.05	.051	46.14	46.14
25.40	8545.85	4418.604	99.96	.07	.041	49.88	3.74
32.00	17088.51	1918.604	99.97	.08	.038	53.30	7.16
40.30	34132.61	2267.441	99.98	.09	.033	56.27	10.13
50.80	68366.83	1046.511	99.99	.00	.078	63.29	17.14
64.00	136708.10	1162.790	99.99	.01	.072	69.77	6.47
80.60	273060.85	406.976	99.99	.01	.160	84.16	20.87
101.60	553419.97	.000	99.99	.01	.112	94.24	30.94
128.00	1093664.77	58.139	100.00	.01	.000	94.24	30.94
161.00	2184016.90	.000	100.00	.00	.064	99.99	36.70
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		19306055.188			.000	99.99	.00
					1.111		

06/03/74 60.0 m

CARBON	153.	mg m^{-3}
NITROGEN	12.0	mg m^{-3}
ATP	0.024	mg m^{-3}

	VOLUME (PPM)
DIATOMS	6.53×10^{-4}
FLAGELLATES	4.21×10^{-5}
DINOFLAGELLATES	7.20×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	7.27×10^{-2}
MICROZOOPLANKTON	5.30×10^{-3}
FAECAL PELLETS	1.62×10^{-3}

DATE: 8/ 3/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10838059.701	40.40	40.40	.045	.56	.56
2.52	8.35	6241791.044	63.68	63.68	.052	1.21	1.21
3.17	16.77	3379104.477	76.27	76.27	.056	1.91	1.91
4.00	33.38	2064179.104	83.97	83.97	.069	2.77	2.77
5.04	66.76	1058208.955	87.92	87.92	.070	3.66	3.66
6.35	132.90	747014.925	90.70	90.70	.100	4.90	4.90
8.00	267.01	1178358.208	95.09	95.09	.315	8.83	8.83
10.08	537.30	1097014.925	99.18	99.18	.588	16.15	16.15
12.70	1068.23	118656.716	99.63	99.63	.127	17.73	17.73
16.00	2136.06	26865.671	99.73	99.73	.057	18.45	18.45
20.20	4298.42	16417.910	99.79	.06	.070	19.33	.87
25.40	8545.85	9701.492	99.82	.09	.083	20.36	1.91
32.00	17088.51	6162.790	99.85	.12	.106	21.68	3.23
40.30	34132.61	10581.395	99.89	.15	.364	26.21	7.76
50.80	68366.83	11860.465	99.93	.04	.816	36.37	10.15
64.00	136708.10	9709.302	99.97	.08	1.336	53.00	26.78
80.60	273060.85	4186.046	99.98	.09	1.152	67.34	41.12
101.60	553419.97	2325.581	99.99	.10	1.280	83.27	57.05
128.00	1093664.77	639.534	99.99	.10	.704	92.03	65.81
161.00	2184016.90	174.418	99.99	.00	.384	96.81	4.77
203.00	4377906.30	58.139	100.00	.00	.256	99.99	7.96
TOTAL		26821070.807			8.034		

08/03/74 0 m

CARBON	615	mg m^{-3}
NITROGEN	59.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.14×10^{-3}
FLAGELLATES	2.45×10^{-2}
DINOFLAGELLATES	1.15×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.11×10^{-2}
MICROZOOPLANKTON	2.80×10^{-3}
FAECAL PELLETS	0.0

DATE: 8/ 3/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11880597.014	43.91	43.91			
2.52	8.35	4536567.164	60.68	60.68	.049	.92	.92
3.17	16.77	4205970.149	76.23	76.23	.037	1.62	1.62
4.00	33.38	1738805.970	82.65	82.65	.070	2.93	2.93
5.04	66.76	917910.447	86.05	86.05	.058	4.01	4.01
6.35	132.90	779850.746	88.93	88.93	.061	5.15	5.15
8.00	267.01	1434328.358	94.23	94.23	.104	7.09	7.09
10.08	537.30	1318656.716	99.11	99.11	.384	14.22	14.22
12.70	1068.23	156716.417	99.69	99.69	.706	27.33	27.33
16.00	2136.06	29850.746	99.80	99.80	.168	30.45	30.45
20.20	4298.42	12686.567	99.84	.04	.064	31.64	31.64
25.40	8545.85	10000.000	99.88	.08	.054	32.65	1.00
32.00	17088.51	5930.232	99.90	.10	.086	34.24	2.60
40.30	34132.61	6569.767	99.93	.13	.102	36.13	4.49
50.80	68366.83	9069.767	99.96	.03	.226	40.33	8.69
64.00	136708.10	5465.116	99.98	.05	.624	51.90	11.57
80.60	273060.85	2616.279	99.99	.06	.752	65.86	25.52
101.60	553419.97	1220.930	99.99	.06	.720	79.22	38.88
128.00	1093664.77	174.418	99.99	.06	.672	91.68	51.35
161.00	2184016.90	116.279	100.00	.00	.192	95.25	54.91
203.00	4377906.30	.000	100.00	.00	.256	99.99	4.74
TOTAL		27053103.088			.000	99.99	4.74
					5.389		

08/03/74 2.5 m

CARBON	398	mg m^{-3}
NITROGEN	55.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	9.00×10^{-5}
FLAGELLATES	1.51×10^{-2}
DINOFLAGELLATES	6.65×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	8.17×10^{-3}
MICROZOOPLANKTON	3.00×10^{-3}
FAECAL PELLETS	0.0

DATE: 8/ 3/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12408955.223	44.14	44.14	.051	.89	.89
2.52	8.35	5038805.970	62.07	62.07	.042	1.62	1.62
3.17	16.77	4273880.597	77.27	77.27	.071	2.85	2.85
4.00	33.38	1868656.716	83.92	83.92	.062	3.94	3.94
5.04	66.76	1045522.388	87.64	87.64	.070	5.14	5.14
6.35	132.90	844776.119	90.65	90.65	.113	7.10	7.10
8.00	267.01	1336567.164	95.40	95.40	.358	13.28	13.28
10.08	537.30	1084328.358	99.26	99.26	.581	23.32	23.32
12.70	1068.23	117164.179	99.67	99.67	.125	25.49	25.49
16.00	2136.06	32835.820	99.79	99.79	.070	26.70	26.70
20.20	4298.42	14179.104	99.84	.05	.060	27.75	1.04
25.40	8545.85	10465.116	99.88	.08	.090	29.31	2.60
32.00	17088.51	5697.674	99.90	.10	.098	31.00	4.29
40.30	34132.61	8023.255	99.93	.13	.276	35.76	9.06
50.80	68366.83	8488.372	99.96	.03	.584	45.85	10.08
64.00	136708.10	4883.720	99.98	.04	.672	57.45	21.68
80.60	273060.85	3953.488	99.99	.06	1.088	76.24	40.47
101.60	553419.97	988.372	99.99	.06	.544	85.63	49.86
128.00	1093664.77	406.976	99.99	.06	.448	93.36	57.60
161.00	2184016.90	174.418	100.00	.00	.384	99.99	6.63
203.00	4377906.30	.000	100.00	.00	.000	99.99	6.63
TOTAL		28108753.036			5.791		

08/03/74 5.0 m

CARBON	268	mg m^{-3}
NITROGEN	40.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.94×10^{-4}
FLAGELLATES	6.08×10^{-3}
DINOFLAGELLATES	2.84×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.47×10^{2}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 8/ 3/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	14045522.388	46.31	46.31	.058	1.30	1.30
2.52	8.35	5198507.462	63.46	63.46	.043	2.27	2.27
3.17	16.77	4574626.865	78.54	78.54	.076	3.98	3.98
4.00	33.38	1851492.537	84.65	84.65	.062	5.36	5.36
5.04	66.76	1054477.611	88.13	88.13	.070	6.93	6.93
6.35	132.90	851492.537	90.94	90.94	.114	9.48	9.48
8.00	267.01	1507462.686	95.91	95.91	.404	18.48	18.48
10.08	537.30	1008955.223	99.23	99.23	.540	30.52	30.52
12.70	1068.23	115671.641	99.62	99.62	.124	33.29	33.29
16.00	2136.06	40298.507	99.75	99.75	.086	35.21	35.21
20.20	4298.42	26865.671	99.84	.08	.115	37.78	2.56
25.40	8545.85	16417.910	99.89	.14	.140	40.91	5.70
32.00	17088.51	9186.046	99.92	.17	.158	44.43	9.22
40.30	34132.61	8662.790	99.95	.20	.298	51.07	15.86
50.80	68366.83	7616.279	99.98	.02	.524	62.75	11.67
64.00	136708.10	3197.674	99.99	.03	.440	72.55	21.47
80.60	273060.85	1337.209	99.99	.04	.368	80.75	29.67
101.60	553419.97	872.093	99.99	.04	.480	91.44	40.36
128.00	1093664.77	348.837	100.00	.04	.384	99.99	48.92
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		30323011.974			4.488		

08/03/74 10.0 m

CARBON	241	mg m^{-3}
NITROGEN	36.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.15×10^{-5}
FLAGELLATES	3.80×10^{-3}
DINOFLAGELLATES	6.37×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	6.75×10^{-2}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	4.21×10^{-3}

DATE: 8/ 3/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7647761.194	40.26	40.26	.032	.55	.55
2.52	8.35	4210447.761	62.43	62.43	.035	1.16	1.16
3.17	16.77	2532089.552	75.76	75.76	.042	1.89	1.89
4.00	33.38	1480597.014	83.55	83.55	.049	2.75	2.75
5.04	66.76	867910.447	88.12	88.12	.058	3.75	3.75
6.35	132.90	574626.865	91.15	91.15	.077	5.09	5.09
8.00	267.01	804477.611	95.38	95.38	.215	8.82	8.82
10.08	537.30	716417.910	99.15	99.15	.384	15.46	15.46
12.70	1068.23	91044.776	99.63	99.63	.097	17.15	17.15
16.00	2136.06	19402.985	99.73	99.73	.041	17.87	17.87
20.20	4298.42	11940.298	99.80	.06	.051	18.75	.88
25.40	8545.85	7462.636	99.84	.10	.064	19.86	1.99
32.00	17088.51	5223.880	99.86	.12	.089	21.41	3.54
40.30	34132.61	5290.697	99.89	.15	.182	24.56	6.69
50.80	68366.83	6860.465	99.93	.03	.472	32.73	8.16
64.00	136708.10	6395.348	99.96	.06	.880	47.95	23.39
80.60	273060.85	4186.046	99.98	.09	1.152	67.88	43.32
101.60	553419.97	1511.627	99.99	.09	.832	82.28	57.71
128.00	1093664.77	348.837	99.99	.10	.384	88.92	64.36
161.00	2184016.90	290.697	100.00	.00	.640	99.99	11.07
203.00	4377906.30	.000	100.00	.00	.000	99.99	11.07
TOTAL		18994286.705			5.779		

08/03/74 15.0 m

CARBON	178	mg m^{-3}
NITROGEN	27.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	6.32×10^{-4}
FLAGELLATES	6.81×10^{-3}
DINOFLAGELLATES	5.67×10^{-3}
SILICOFLAGELLATES	
SUBTOTAL OF PHYTOPLANKTON	1.31×10^{-2}
MICROZOOPLANKTON	1.18×10^{-2}
FAECAL PELLETS	2.00×10^{-3}

DATE: 8/ 3/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	6256716.417	40.19	40.19	.026	1.33	1.33
2.52	8.35	3470895.522	62.49	62.49	.029	2.81	2.81
3.17	16.77	2197761.194	76.61	76.61	.036	4.68	4.68
4.00	33.38	1239552.238	84.57	84.57	.041	6.80	6.80
5.04	66.76	714925.373	89.17	89.17	.047	9.24	9.24
6.35	132.90	488059.701	92.30	92.30	.065	12.58	12.58
8.00	267.01	614179.104	96.25	96.25	.164	20.97	20.97
10.08	537.30	426865.671	98.99	98.99	.228	32.63	32.63
12.70	1068.23	88059.701	99.56	99.56	.094	37.44	37.44
16.00	2136.06	35074.626	99.78	99.78	.075	41.27	41.27
20.20	4298.42	14302.325	99.87	.09	.061	44.38	3.10
25.40	8545.85	6686.046	99.92	.13	.057	47.29	6.01
32.00	17088.51	3837.209	99.94	.15	.066	50.65	9.37
40.30	34132.61	2209.302	99.96	.17	.076	54.53	13.25
50.80	68366.83	2965.116	99.97	.01	.204	64.93	10.39
64.00	136708.10	1860.465	99.99	.03	.256	77.97	23.44
80.60	273060.85	988.372	99.99	.03	.272	91.84	37.31
101.60	553419.97	290.697	100.00	.03	.160	99.99	45.46
128.00	1093664.77	.000	100.00	.03	.000	99.99	45.46
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		15565229.086			1.961		

08/03/74 20.0 m

CARBON	145	mg m^{-3}
NITROGEN	19.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.63×10^{-3}
FLAGELLATES	1.34×10^{-3}
DINOFLAGELLATES	8.58×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.16×10^{-2}
MICROZOOPLANKTON	4.76×10^{-2}
FAECAL PELLETS	0.0

DATE: 8/ 3/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	4967910.447	42.57	42.57	.020	.94	.94
2.52	8.35	2708955.223	65.78	65.78	.022	1.96	1.96
3.17	16.77	1706716.417	80.41	80.41	.028	3.25	3.25
4.00	33.38	958955.223	88.63	88.63	.032	4.71	4.71
5.04	66.76	481343.283	92.75	92.75	.032	6.16	6.16
6.35	132.90	315671.641	95.46	95.46	.042	8.08	8.08
8.00	267.01	276119.402	97.82	97.82	.074	11.43	11.43
10.08	537.30	147761.194	99.09	99.09	.079	15.02	15.02
12.70	1068.23	47151.162	99.49	99.49	.050	17.28	17.28
16.00	2136.06	23197.674	99.69	99.69	.049	19.50	19.50
20.20	4298.42	12616.279	99.80	.10	.054	21.95	2.44
25.40	8545.85	6744.186	99.86	.16	.058	24.58	5.07
32.00	17088.51	4941.860	99.90	.20	.085	28.43	8.92
40.30	34132.61	3255.813	99.93	.23	.112	33.50	13.99
50.80	68366.83	3081.395	99.96	.02	.212	43.10	9.60
64.00	136708.10	2616.279	99.98	.04	.360	59.41	25.90
80.60	273060.85	1162.790	99.99	.05	.320	73.90	40.40
101.60	553419.97	697.674	99.99	.06	.384	91.30	57.79
128.00	1093664.77	174.418	100.00	.06	.192	99.99	66.49
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		11669072.369			2.207		

08/03/74 30.0 m

CARBON	113	mg m^{-3}
NITROGEN	12.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.07×10^{-4}
FLAGELLATES	1.62×10^{-4}
DINOFLAGELLATES	3.39×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.66×10^{-3}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	2.04×10^{-3}

DATE: 8/ 3/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per 1	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	5294029.850	47.51	47.51	.022	1.17	1.17
2.52	8.35	2619402.985	71.02	71.02	.021	2.34	2.34
3.17	16.77	1475373.134	84.27	84.27	.024	3.65	3.65
4.00	33.38	770149.253	91.18	91.18	.025	5.03	5.03
5.04	66.76	434328.358	95.08	95.08	.029	6.58	6.58
6.35	132.90	252238.805	97.34	97.34	.033	8.38	3.38
8.00	267.01	145522.388	98.65	98.65	.039	10.46	10.46
10.08	537.30	82835.820	99.39	99.39	.044	12.82	12.82
12.70	1068.23	31343.283	99.67	99.67	.033	14.61	14.61
16.00	2136.06	14179.104	99.80	99.80	.030	16.23	16.23
20.20	4298.42	6716.417	99.86	.06	.028	17.76	1.53
25.40	8545.85	3731.343	99.89	.09	.032	19.47	3.23
32.00	17088.51	2325.581	99.92	.11	.040	21.60	5.36
40.30	34132.61	2790.697	99.94	.13	.096	26.71	10.48
50.80	68366.83	2209.302	99.96	.01	.152	34.81	8.09
64.00	136708.10	2151.162	99.98	.03	.296	50.57	23.86
80.60	273060.85	1046.511	99.99	.04	.288	65.91	39.19
101.60	553419.97	465.116	99.99	.05	.256	79.54	52.83
128.00	1093664.77	116.279	99.99	.05	.128	86.36	59.65
161.00	2184016.90	116.279	100.00	.00	.256	99.99	13.63
203.00	4377906.30	.000	100.00	.00	.000	99.99	13.63
TOTAL		11141071.675			1.877		

08/03/74 40.0 m

CARBON	84.0	mg m^{-3}
NITROGEN	13.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.26×10^{-5}
FLAGELLATES	2.71×10^{-5}
DINOFLAGELLATES	6.15×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	6.16×10^{-2}
MICROZOOPLANKTON	1.99×10^{-1}
FAECAL PELLETS	0.0

DATE: 8/ 3/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7685074.626	47.88	47.88	.032	4.99	4.99
2.52	8.35	3814925.373	71.66	71.66	.031	9.96	9.96
3.17	16.77	2070149.253	84.55	84.55	.034	15.34	15.34
4.00	33.38	1126119.402	91.57	91.57	.037	21.21	21.21
5.04	66.76	672388.059	95.76	95.76	.045	28.21	28.21
6.35	132.90	329850.746	97.82	97.82	.044	35.09	35.09
8.00	267.01	197761.194	99.05	99.05	.053	43.34	43.34
10.08	537.30	84328.358	99.58	99.58	.045	50.38	50.38
12.70	1068.23	35074.626	99.79	99.79	.037	56.23	56.23
16.00	2136.06	20149.253	99.92	99.92	.043	62.95	62.95
20.20	4298.42	7462.686	99.97	.04	.032	67.93	4.98
25.40	8545.85	1744.186	99.98	.05	.015	70.27	7.31
32.00	17088.51	1569.767	99.99	.06	.027	74.47	11.51
40.30	34132.61	813.953	99.99	.07	.028	78.83	15.87
50.80	68366.83	348.837	99.99	.00	.024	82.56	3.73
64.00	136708.10	.000	99.99	.00	.000	82.56	3.73
80.60	273060.85	174.418	99.99	.00	.048	90.03	11.20
101.60	553419.97	.000	99.99	.00	.000	90.03	11.20
128.00	1093664.77	58.139	100.00	.00	.064	99.99	21.16
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		16047992.883			.642		

08/03/74 60.0 m

CARBON	104	mg m^{-3}
NITROGEN	11.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.28×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	1.83×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.83×10^{-1}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 11/ 3/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per 1	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9698507.462	39.26	39.26	.040	1.41	1.41
2.52	8.35	3900000.000	55.05	55.05	.032	2.55	2.55
3.17	16.77	4073880.597	71.54	71.54	.068	4.93	4.93
4.00	33.38	4044029.850	87.91	87.91	.135	9.65	9.65
5.04	66.76	788805.970	91.11	91.11	.052	11.48	11.48
6.35	132.90	473880.597	93.03	93.03	.063	13.69	13.69
8.00	267.01	974626.865	96.97	96.97	.261	22.80	22.80
10.08	537.30	626119.402	99.51	99.51	.335	34.51	34.51
12.70	1068.23	70149.253	99.79	99.79	.075	37.13	37.13
16.00	2136.06	15671.641	99.85	99.85	.033	38.30	38.30
20.20	4298.42	9701.492	99.89	.03	.041	39.76	1.45
25.40	8545.85	5872.093	99.92	.06	.050	41.50	3.19
32.00	17088.51	4127.906	99.93	.07	.071	43.98	5.67
40.30	34132.61	4825.581	99.95	.09	.166	49.77	11.46
50.80	68366.83	5000.000	99.97	.02	.344	61.77	11.99
64.00	136708.10	3430.232	99.99	.03	.472	78.23	28.46
80.60	273060.85	1220.930	99.99	.03	.336	89.95	40.18
101.60	553419.97	406.976	99.99	.04	.224	97.76	47.99
128.00	1093664.77	58.139	100.00	.04	.064	99.99	50.22
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		24700314.993			2.866		

11/03/74 0 m

CARBON	364	mg m^{-3}
NITROGEN	34.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	7.54×10^{-3}
DINOFLAGELLATES	2.80×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.55×10^{-2}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 11/ 3/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11236567.164	42.82	42.82	.047	1.02	1.02
2.52	8.35	4745522.388	60.91	60.91	.039	1.89	1.89
3.17	16.77	2974626.865	72.25	72.25	.049	2.98	2.98
4.00	33.38	1802238.805	79.12	79.12	.060	4.30	4.30
5.04	66.76	923134.328	82.63	82.63	.061	5.65	5.65
6.35	132.90	863432.835	85.92	85.92	.115	8.18	8.18
8.00	267.01	2132089.552	94.05	94.05	.571	20.68	20.68
10.08	537.30	1321641.791	99.09	99.09	.708	36.18	36.18
12.70	1068.23	124626.865	99.56	99.56	.133	39.10	39.10
16.00	2136.06	38059.701	99.71	99.71	.081	40.88	40.88
20.20	4298.42	20149.253	99.78	.07	.086	42.77	1.88
25.40	8545.85	20406.976	99.86	.15	.175	46.60	5.71
32.00	17088.51	15406.976	99.92	.21	.265	52.40	11.51
40.30	34132.61	7093.023	99.95	.24	.244	57.74	16.85
50.80	68366.83	6686.046	99.97	.02	.460	67.80	10.06
64.00	136708.10	3255.813	99.99	.03	.448	77.60	19.86
80.60	273060.85	1511.627	99.99	.04	.416	86.70	28.96
101.60	553419.97	523.255	99.99	.04	.288	93.00	35.26
128.00	1093664.77	174.418	99.99	.04	.192	97.20	39.46
161.00	2184016.90	58.139	100.00	.00	.128	99.99	2.79
203.00	4377906.30	.000	100.00	.00	.000	99.99	2.79
TOTAL		26237205.830			4.571		

11/03/74 2.5 m

CARBON	237	mg m^{-3}
NITROGEN	34.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.95×10^{-3}
FLAGELLATES	1.41×10^{-3}
DINOFLAGELLATES	1.70×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.92×10^{-1}
MICROZOOPLANKTON	2.10×10^{-3}
FAECAL PELLETS	0.0

DATE: 11/ 3/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10408208.955	44.70	44.70	.043	.97	.97
2.52	8.35	4377611.940	63.50	63.50	.036	1.79	1.79
3.17	16.77	2802985.074	75.54	75.54	.046	2.84	2.84
4.00	33.38	1630597.014	82.55	82.55	.054	4.06	4.06
5.04	66.76	923880.597	86.51	86.51	.061	5.44	5.44
6.35	132.90	751492.537	89.74	89.74	.100	7.70	7.70
8.00	267.01	1367910.447	95.62	95.62	.366	15.90	15.90
10.08	537.30	823134.328	99.15	99.15	.441	25.77	25.77
12.70	1068.23	105970.149	99.61	99.61	.113	28.32	28.32
16.00	2136.06	31343.283	99.74	99.74	.067	29.82	29.82
20.20	4298.42	23313.953	99.84	.10	.100	32.06	2.23
25.40	8545.85	10465.116	99.89	.14	.090	34.07	4.25
32.00	17088.51	6279.069	99.91	.17	.108	36.49	6.66
40.30	34132.61	6337.209	99.94	.19	.218	41.37	11.54
50.80	68366.83	5523.255	99.97	.02	.380	49.87	8.50
64.00	136708.10	3837.209	99.98	.04	.528	61.68	20.31
80.60	273060.85	1453.488	99.99	.04	.400	70.64	29.26
101.60	553419.97	1337.209	99.99	.05	.736	87.11	45.73
128.00	1093664.77	174.418	99.99	.05	.192	91.40	50.03
161.00	2184016.90	58.139	99.99	.00	.128	94.27	2.86
203.00	4377906.30	58.139	100.00	.00	.256	99.99	8.59
TOTAL		23281971.536			4.468		

11/03/74 5.0 m

CARBON	198	mg m^{-3}
NITROGEN	33.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.43×10^{-4}
FLAGELLATES	7.86×10^{-3}
DINOFLAGELLATES	1.90×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.71×10^{-2}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 11/ 3/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11823134.328	46.14	46.14	.049	1.42	1.42
2.52	8.35	4726119.402	64.58	64.58	.039	2.56	2.56
3.17	16.77	2932835.820	76.03	76.03	.049	3.97	3.97
4.00	33.38	1728358.208	82.78	82.78	.057	5.63	5.63
5.04	66.76	961940.298	86.53	86.53	.064	7.49	7.49
6.35	132.90	771641.791	89.54	89.54	.103	10.46	10.46
8.00	267.01	1656716.417	96.01	96.01	.444	23.24	23.24
10.08	537.30	819402.985	99.21	99.21	.439	35.87	35.87
12.70	1068.23	110447.761	99.64	99.64	.118	39.28	39.28
16.00	2136.06	27611.940	99.75	99.75	.059	40.98	40.98
20.20	4298.42	27325.581	99.85	.10	.117	44.35	3.36
25.40	8545.85	11976.744	99.90	.15	.103	47.31	6.32
32.00	17088.51	6569.767	99.92	.17	.113	50.56	9.58
40.30	34132.61	7034.883	99.95	.20	.242	57.53	16.54
50.80	68366.83	6337.209	99.98	.02	.436	70.07	12.54
64.00	136708.10	2790.697	99.99	.03	.384	81.12	23.59
80.60	273060.85	1453.488	99.99	.04	.400	92.63	35.10
101.60	553419.97	465.116	100.00	.04	.256	99.99	42.46
128.00	1093664.77	.000	100.00	.04	.000	99.99	42.46
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		25622162.442			3.475		

11/03/74 10.0 m

CARBON	209	mg m^{-3}
NITROGEN	37.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	9.64×10^{-4}
FLAGELLATES	9.23×10^{-4}
DINOFLAGELLATES	2.99×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.87×10^{-3}
MICROZOOPLANKTON	8.00×10^{-4}
FAECAL PELLETS	0.0

DATE: 11/ 3/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	13354477.611	41.45	41.45	.055	1.66	1.66
2.52	8.35	6656716.417	62.11	62.11	.055	3.32	3.32
3.17	16.77	5976119.402	80.66	80.66	.100	6.30	6.30
4.00	33.38	1926119.402	86.64	86.64	.064	8.22	8.22
5.04	66.76	1141044.776	90.18	90.18	.076	10.49	10.49
6.35	132.90	818656.716	92.72	92.72	.109	13.76	13.76
8.00	267.01	818656.716	95.26	95.26	.219	20.29	20.29
10.08	537.30	1040298.507	98.49	98.49	.557	36.89	36.89
12.70	1068.23	331343.283	99.52	99.52	.355	47.46	47.46
16.00	2136.06	94776.119	99.81	99.81	.203	53.51	53.51
20.20	4298.42	33582.089	99.92	.10	.144	57.80	4.28
25.40	8545.85	8955.223	99.95	.13	.076	60.08	6.57
32.00	17088.51	4477.611	99.96	.14	.076	62.37	8.85
40.30	34132.61	5000.000	99.97	.16	.172	67.49	13.97
50.80	68366.83	3313.953	99.99	.01	.228	74.28	6.78
64.00	136708.10	1860.465	99.99	.01	.256	81.90	14.40
80.60	273060.85	697.674	99.99	.01	.192	87.61	20.12
101.60	553419.97	523.255	99.99	.01	.288	96.18	28.69
128.00	1093664.77	116.279	100.00	.02	.128	99.99	32.50
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		32216735.507			3.359		

11/03/74 15.0 m

CARBON	296	mg m^{-3}
NITROGEN	41.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.31×10^{-3}
FLAGELLATES	1.83×10^{-4}
DINOFLAGELLATES	8.66×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.02×10^{-2}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	8.04×10^{-3}

DATE: 11/ 3/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12914179.104	44.19	44.19	.054	4.39	4.39
2.52	8.35	6368656.716	65.99	65.99	.053	8.73	8.73
3.17	16.77	5169402.985	83.68	83.68	.086	15.77	15.77
4.00	33.38	2347761.194	91.71	91.71	.078	22.17	22.17
5.04	66.76	841044.776	94.59	94.59	.056	26.76	26.76
6.35	132.90	561194.029	96.51	96.51	.075	32.88	32.88
8.00	267.01	651492.537	98.74	98.74	.174	47.09	47.09
10.08	537.30	257462.686	99.62	99.62	.138	58.33	58.33
12.70	1068.23	58955.223	99.83	99.83	.063	63.47	63.47
16.00	2136.06	25373.134	99.91	99.91	.054	67.90	67.90
20.20	4298.42	11940.298	99.95	.04	.051	72.07	4.16
25.40	8545.85	6162.790	99.97	.06	.053	76.39	8.48
32.00	17088.51	2674.418	99.98	.07	.046	80.13	12.22
40.30	34132.61	1627.906	99.99	.07	.056	84.69	16.78
50.80	68366.83	1104.651	99.99	.00	.076	90.88	6.18
64.00	136708.10	581.395	99.99	.00	.080	97.39	12.70
80.60	273060.85	116.279	100.00	.00	.032	99.99	15.30
101.60	553419.97	.000	100.00	.00	.000	99.99	15.30
128.00	1093664.77	.000	100.00	.00	.000	99.99	15.30
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		29219730.127			1.228		

11/03/74 20.0 m

CARBON	178	mg m^{-3}
NITROGEN	25.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.50×10^{-3}
FLAGELLATES	4.67×10^{-4}
DINOFLAGELLATES	3.42×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.62×10^{-2}
MICROZOOPLANKTON	2.40×10^{-2}
FAECAL PELLETS	0.0

DATE: 11/ 3/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10178358.208	43.13	43.13	.042	1.04	1.04
2.52	8.35	5099253.731	64.74	64.74	.042	2.09	2.09
3.17	16.77	5159701.492	86.61	86.61	.086	4.21	4.21
4.00	33.38	1352985.074	92.34	92.34	.045	5.32	5.32
5.04	66.76	672388.059	95.19	95.19	.045	6.42	6.42
6.35	132.90	426865.671	97.00	97.00	.057	7.83	7.83
8.00	267.01	407462.686	98.73	98.73	.109	10.51	10.51
10.08	537.30	167164.179	99.44	99.44	.089	12.71	12.71
12.70	1068.23	54477.611	99.67	99.67	.058	14.14	14.14
16.00	2136.06	29104.477	99.79	99.79	.062	15.67	15.67
20.20	4298.42	15671.641	99.86	.06	.067	17.32	1.64
25.40	8545.85	8662.790	99.90	.10	.074	19.14	3.46
32.00	17088.51	4593.023	99.91	.12	.079	21.07	5.40
40.30	34132.61	6395.348	99.94	.14	.220	26.47	10.80
50.80	68366.83	4360.465	99.96	.01	.300	33.84	7.36
64.00	136708.10	3895.348	99.98	.03	.536	46.99	20.51
80.60	273060.85	2383.720	99.99	.04	.656	63.09	36.61
101.60	553419.97	1453.488	99.99	.05	.800	82.72	56.24
128.00	1093664.77	290.697	99.99	.05	.320	90.57	64.09
161.00	2184016.90	174.418	100.00	.00	.384	99.99	9.42
203.00	4377906.30	.000	100.00	.00	.000	99.99	9.42
TOTAL		23595642.137			4.075		

11/03/74 30.0 m

CARBON	163	mg m^{-3}
NITROGEN	19.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.98×10^{-4}
FLAGELLATES	7.41×10^{-5}
DINOFLAGELLATES	1.19×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.23×10^{-2}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 11/ 3/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10573880.597	46.86	46.86	.044	5.90	5.90
2.52	8.35	5091791.044	69.42	69.42	.042	11.59	11.59
3.17	16.77	2707462.686	81.42	81.42	.045	17.65	17.65
4.00	33.38	3108955.223	95.20	95.20	.104	31.56	31.56
5.04	66.76	535074.626	97.57	97.57	.035	36.34	36.34
6.35	132.90	273134.328	98.78	98.78	.036	41.23	41.23
8.00	267.01	161194.029	99.50	99.50	.043	47.00	47.00
10.08	537.30	64925.373	99.79	99.79	.034	51.65	51.65
12.70	1068.23	30597.014	99.92	99.92	.032	56.03	56.03
16.00	2136.06	5970.149	99.95	99.95	.012	57.74	57.74
20.20	4298.42	746.268	99.95	.00	.003	58.17	.42
25.40	8545.85	3731.343	99.97	.01	.032	62.45	4.70
32.00	17088.51	2383.720	99.98	.03	.041	67.93	10.18
40.30	34132.61	1395.348	99.99	.03	.048	74.34	16.59
50.80	68366.83	1511.627	99.99	.00	.104	88.24	13.89
64.00	136708.10	523.255	99.99	.00	.072	97.86	23.51
80.60	273060.85	58.139	100.00	.00	.016	99.99	25.65
101.60	553419.97	.000	100.00	.00	.000	99.99	25.65
128.00	1093664.77	.000	100.00	.00	.000	99.99	25.65
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		22563334.778			.748		

11/03/74 40.0 m

CARBON	140	mg m^{-3}
NITROGEN	12.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.47×10^{-5}
FLAGELLATES	9.79×10^{-5}
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.43×10^{-4}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 11/ 3/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	14095522.388	52.08	52.08	.059	4.66	4.66
2.52	8.35	5523134.328	72.49	72.49	.046	8.30	8.30
3.17	16.77	2534328.358	81.86	81.86	.042	11.65	11.65
4.00	33.38	3637313.432	95.30	95.30	.121	21.27	21.27
5.04	66.76	634328.358	97.64	97.64	.042	24.63	24.63
6.35	132.90	320149.253	98.83	98.83	.042	28.02	28.02
8.00	267.01	186567.164	99.51	99.51	.050	31.97	31.97
10.08	537.30	63432.835	99.75	99.75	.034	34.66	34.66
12.70	1068.23	31343.283	99.87	99.87	.033	37.31	37.31
16.00	2136.06	14179.104	99.92	99.92	.030	39.71	39.71
20.20	4298.42	8208.955	99.95	.03	.035	42.49	2.78
25.40	8545.85	3662.790	99.96	.04	.031	44.94	5.22
32.00	17088.51	2383.720	99.97	.05	.041	48.18	8.46
40.30	34132.61	2790.697	99.98	.06	.096	55.76	16.05
50.80	68366.83	2209.302	99.99	.00	.152	67.77	12.00
64.00	136708.10	1104.651	99.99	.01	.152	79.77	24.01
80.60	273060.85	348.837	99.99	.01	.096	87.36	31.59
101.60	553419.97	290.697	100.00	.01	.160	99.99	44.23
128.00	1093664.77	.000	100.00	.01	.000	99.99	44.23
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		27061298.159			1.266		

11/03/74 60.0 m

CARBON	239	mg m^{-3}
NITROGEN	11.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.39×10^{-5}
FLAGELLATES	1.26×10^{-4}
DINOFLAGELLATES	6.28×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	6.30×10^{-2}
MICROZOOPLANKTON	3.09×10^{-2}
FAECAL PELLETS	0.0

DATE: 14/ 3/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10129850.746	44.39	44.39	.042	.96	.96
2.52	8.35	3394776.119	59.26	59.26	.028	1.61	1.61
3.17	16.77	3794029.850	75.89	75.89	.063	3.07	3.07
4.00	33.38	1426865.671	82.14	82.14	.047	4.16	4.16
5.04	66.76	614925.373	84.83	84.83	.041	5.10	5.10
6.35	132.90	694029.850	87.88	87.88	.093	7.23	7.23
8.00	267.01	1739552.238	95.50	95.50	.466	17.89	17.89
10.08	537.30	856716.417	99.25	99.25	.459	28.38	28.38
12.70	1068.23	94776.119	99.67	99.67	.101	30.71	30.71
16.00	2136.06	19402.985	99.75	99.75	.041	31.66	31.66
20.20	4298.42	17848.837	99.83	.07	.076	33.40	1.73
25.40	8545.85	10232.558	99.88	.12	.088	35.41	3.74
32.00	17088.51	5872.093	99.90	.14	.101	37.72	6.05
40.30	34132.61	5232.558	99.92	.17	.180	41.83	10.17
50.80	68366.83	7441.860	99.96	.03	.512	53.54	11.70
64.00	136708.10	5581.395	99.98	.05	.768	71.10	29.26
80.60	273060.85	2151.162	99.99	.06	.592	84.63	42.79
101.60	550419.97	639.534	99.99	.06	.352	92.68	50.84
128.00	1093664.77	58.139	99.99	.06	.064	94.14	52.31
161.00	2184016.90	116.279	100.00	.00	.256	99.99	5.85
203.00	4377906.30	.000	100.00	.00	.000	99.99	5.85
TOTAL		22820099.790			4.373		

14/03/74 0 m

CARBON	205	mg m^{-3}
NITROGEN	35.0	mg m^{-3}
ATP	0.258	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.90×10^{-2}
FLAGELLATES	9.66×10^{-4}
DINOFLAGELLATES	1.06×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.06×10^{-2}
MICROZOOPLANKTON	4.10×10^{-3}
FAECAL PELLETS	0.0

DATE: 14/ 3/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10135820.895	47.49	47.49	.042	1.10	1.10
2.52	8.35	3322388.059	63.05	63.05	.027	1.82	1.82
3.17	16.77	3547014.925	79.67	79.67	.059	3.36	3.36
4.00	33.38	1246268.656	85.51	85.51	.041	4.44	4.44
5.04	66.76	600746.268	88.33	88.33	.040	5.48	5.48
6.35	132.90	667910.447	91.46	91.46	.089	7.81	7.81
8.00	267.01	1222388.059	97.19	97.19	.327	16.31	16.31
10.08	537.30	475373.134	99.41	99.41	.254	22.92	22.92
12.70	1068.23	63432.835	99.71	99.71	.068	24.68	24.68
16.00	2136.06	17910.447	99.79	99.79	.038	25.68	25.68
20.20	4298.42	10232.558	99.84	.04	.044	26.82	1.14
25.40	8545.85	6860.465	99.87	.08	.059	28.35	2.67
32.00	17088.51	5523.255	99.90	.10	.095	30.82	5.13
40.30	34132.61	6220.930	99.93	.13	.214	36.37	10.69
50.80	68366.83	5988.372	99.96	.02	.412	47.06	10.69
64.00	136708.10	4709.302	99.98	.05	.648	63.87	27.50
80.60	273060.85	2151.162	99.99	.06	.592	79.24	42.86
101.60	553419.97	1104.651	99.99	.06	.608	95.01	58.64
128.00	1093664.77	174.418	100.00	.06	.192	99.99	63.62
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		21342218.846			3.853		

14/03/74 2.5 m

CARBON	187	mg m^{-3}
NITROGEN	28.0	mg m^{-3}
ATP	0.190	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.18×10^{-3}
FLAGELLATES	4.00×10^{-4}
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	5.58×10^{-3}
MICROZOOPLANKTON	8.30×10^{-3}
FAECAL PELLETS	2.82×10^{-3}

DATE: 14/ 3/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12301492.537	45.65	45.65	.051	1.12	1.12
2.52	8.35	3919402.985	60.20	60.20	.032	1.84	1.84
3.17	16.77	3611940.298	73.60	73.60	.060	3.16	3.16
4.00	33.38	1217910.447	78.12	78.12	.040	4.05	4.05
5.04	66.76	673880.597	80.62	80.62	.045	5.03	5.03
6.35	132.90	955223.880	84.17	84.17	.128	7.82	7.82
8.00	267.01	2588805.970	93.78	93.78	.693	22.97	22.97
10.08	537.30	1476119.402	99.26	99.26	.775	39.89	39.89
12.70	1068.23	127611.940	99.73	99.73	.136	42.88	42.88
16.00	2136.06	23134.328	99.82	99.82	.049	43.96	43.96
20.20	4298.42	17034.883	99.88	.06	.073	45.55	1.59
25.40	8545.85	8430.232	99.91	.09	.072	47.13	3.16
32.00	17088.51	4418.604	99.93	.11	.076	48.78	4.82
40.30	34132.61	6104.651	99.95	.13	.210	53.37	9.40
50.80	68366.83	5581.395	99.97	.02	.384	61.75	8.38
64.00	136708.10	3895.348	99.99	.03	.536	73.45	20.08
80.60	273060.85	1627.906	99.99	.04	.448	83.23	29.86
101.60	553419.97	697.674	99.99	.04	.384	91.61	38.24
128.00	1093664.77	348.837	100.00	.04	.384	99.99	46.62
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		26943661.922			4.581		

14/03/74 5.0 m

CARBON	230	mg m^{-3}
NITROGEN	41.0	mg m^{-3}
ATP	0.214	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	4.75×10^{-4}
DINOFLAGELLATES	2.47×10^{-3}
SILICOFLAGELLATES	
SUBTOTAL OF PHYTOPLANKTON	2.94×10^{-3}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 14/ 3/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10123134.328	47.52	47.52	.042	1.17	1.17
2.52	8.35	3306716.417	63.05	63.05	.027	1.93	1.93
3.17	16.77	3381343.283	78.92	78.92	.056	3.50	3.50
4.00	33.38	1050000.000	83.85	83.85	.035	4.47	4.47
5.04	66.76	575373.134	86.55	86.55	.038	5.54	5.54
6.35	132.90	856716.417	90.58	90.58	.114	8.71	8.71
8.00	267.01	1408955.223	97.19	97.19	.377	19.17	19.17
10.08	537.30	477611.940	99.43	99.43	.256	26.26	26.26
12.70	1068.23	58208.955	99.71	99.71	.062	27.99	27.99
16.00	2136.06	19402.985	99.80	99.80	.041	29.14	29.14
20.20	4298.42	9360.465	99.84	.04	.040	30.25	1.10
25.40	8545.85	6744.186	99.87	.07	.058	31.85	2.71
32.00	17088.51	6104.651	99.90	.10	.105	34.76	5.62
40.30	34132.61	6395.348	99.93	.13	.220	40.85	11.71
50.80	68366.83	5697.674	99.96	.02	.392	51.70	10.85
64.00	136708.10	4302.325	99.98	.04	.592	68.10	27.24
80.60	273060.85	2209.302	99.99	.05	.608	84.93	44.08
101.60	553419.97	872.093	99.99	.06	.480	98.22	57.37
128.00	1093664.77	58.139	100.00	.06	.064	99.99	59.14
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		21299206.871			3.611		

14/03/74 10.0 m

CARBON	180	mg m^{-3}
NITROGEN	30.0	mg m^{-3}
ATP	0.171	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.04×10^{-4}
FLAGELLATES	1.27×10^{-4}
DINOFLAGELLATES	1.72×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.74×10^{-2}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 14/ 3/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9935074.626	42.84	42.84	.041	1.11	1.11
2.52	8.35	4698507.462	63.10	63.10	.039	2.16	2.16
3.17	16.77	4018656.716	80.43	80.43	.067	3.97	3.97
4.00	33.38	1556716.417	87.14	87.14	.052	5.36	5.36
5.04	66.76	843283.582	90.78	90.78	.056	6.88	6.88
6.35	132.90	794776.119	94.21	94.21	.106	9.73	9.73
8.00	267.01	892537.313	98.06	98.06	.238	16.13	16.13
10.08	537.30	288059.701	99.30	99.30	.154	20.27	20.27
12.70	1068.23	78356.208	99.64	99.64	.084	22.52	22.52
16.00	2136.06	31343.283	99.77	99.77	.067	24.33	24.33
20.20	4298.42	20174.418	99.86	.08	.086	26.63	2.30
25.40	8545.85	7906.976	99.89	.12	.068	28.45	4.12
32.00	17088.51	5755.813	99.92	.14	.099	31.11	6.78
40.30	34132.61	6220.930	99.94	.17	.214	36.84	12.51
50.80	68366.83	5406.976	99.97	.02	.372	46.81	9.97
64.00	136708.10	3139.534	99.98	.03	.432	58.39	21.55
80.60	273060.85	1918.604	99.99	.04	.528	72.55	35.70
101.60	553419.97	1162.790	99.99	.05	.640	89.70	52.85
128.00	1093664.77	232.558	99.99	.05	.256	96.56	59.72
161.00	2184016.90	58.139	100.00	.00	.128	99.99	3.43
203.00	4377906.30	.000	100.00	.00	.000	99.99	3.43
TOTAL		23189290.176			3.730		

14/03/74 15.0 m

CARBON	304	mg m^{-3}
NITROGEN	28.0	mg m^{-3}
ATP	0.180	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.28×10^{-3}
FLAGELLATES	1.31×10^{-4}
DINOFLAGELLATES	3.58×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.83×10^{-2}
MICROZOOPLANKTON	1.25×10^{-2}
FAECAL PELLETS	7.63×10^{-4}

DATE: 14/ 3/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10305970.149	52.28	52.28	.043	1.29	1.29
2.52	8.35	3297014.925	69.01	69.01	.027	2.12	2.12
3.17	16.77	3441044.776	86.47	86.47	.057	3.85	3.85
4.00	33.38	1032089.552	91.71	91.71	.034	4.89	4.89
5.04	66.76	511194.029	94.30	94.30	.034	5.92	5.92
6.35	132.90	417910.447	96.42	96.42	.056	7.60	7.60
8.00	267.01	475373.134	98.83	98.83	.127	11.43	11.43
10.08	537.30	147761.194	99.58	99.58	.079	13.81	13.81
12.70	1068.23	36567.164	99.77	99.77	.039	14.99	14.99
16.00	2136.06	14179.104	99.84	99.84	.030	15.90	15.90
20.20	4298.42	5223.880	99.87	.02	.022	16.58	.67
25.40	8545.85	6162.790	99.90	.05	.053	18.17	2.26
32.00	17088.51	5348.837	99.92	.08	.092	20.94	5.03
40.30	34132.61	3430.232	99.94	.10	.118	24.48	8.57
50.80	68366.83	3488.372	99.96	.01	.240	31.70	7.21
64.00	136708.10	3372.093	99.98	.03	.464	45.65	21.16
80.60	273060.85	2034.883	99.99	.04	.560	62.48	37.99
101.60	553419.97	1220.930	99.99	.05	.672	82.68	58.19
128.00	1093664.77	523.255	100.00	.05	.576	99.99	75.51
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		19709909.752			3.326		

14/03/74 20.0 m

CARBON	127	mg m^{-3}
NITROGEN	18.0	mg m^{-3}
ATP	0.103	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.87×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	4.13×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.51×10^{-2}
MICROZOOPLANKTON	4.09×10^{-2}
FAECAL PELLETS	0.0

DATE: 14/ 3/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9470895.522	54.93	54.93	.039	1.14	1.14
2.52	8.35	2908208.955	71.79	71.79	.024	1.84	1.84
3.17	16.77	3097761.194	89.76	89.76	.051	3.33	3.33
4.00	33.38	820149.253	94.52	94.52	.027	4.12	4.12
5.04	66.76	392537.313	96.79	96.79	.026	4.87	4.87
6.35	132.90	265671.641	98.33	98.33	.035	5.90	5.90
8.00	267.01	167910.447	99.31	99.31	.045	7.20	7.20
10.08	537.30	58955.223	99.65	99.65	.031	8.11	8.11
12.70	1068.23	18656.716	99.76	99.76	.020	8.68	8.68
16.00	2136.06	6716.417	99.80	99.80	.014	9.10	9.10
20.20	4298.42	6716.417	99.84	.03	.028	9.93	.82
25.40	8545.85	4011.627	99.86	.06	.034	10.91	1.80
32.00	17088.51	5174.418	99.89	.09	.089	13.47	4.37
40.30	34132.61	5232.558	99.92	.12	.180	18.65	9.55
50.80	68366.83	5000.000	99.95	.02	.344	28.56	9.90
64.00	136708.10	4069.767	99.97	.05	.560	44.69	26.03
80.60	273060.85	2325.581	99.99	.06	.640	63.13	44.47
101.60	553419.97	1046.511	99.99	.07	.576	79.72	61.06
128.00	1093664.77	523.255	99.99	.07	.576	96.31	77.65
161.00	2184016.90	58.139	100.00	.00	.128	99.99	3.68
203.00	4377906.30	.000	100.00	.00	.000	99.99	3.68
TOTAL		17241620.964			3.471		

14/03/74 30.0 m

CARBON	111	mg m^{-3}
NITROGEN	15.0	mg m^{-3}
ATP	0.0184	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.53×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	2.47×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.62×10^{-2}
MICROZOOPLANKTON	3.20×10^{-2}
FAECAL PELLETS	1.80×10^{-2}

DATE: 14/ 3/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9332835.820	56.58	56.58	.039	2.41	2.41
2.52	8.35	2520895.522	71.87	71.87	.021	3.72	3.72
3.17	16.77	2932089.552	89.65	89.65	.049	6.76	6.76
4.00	33.38	770149.253	94.32	94.32	.025	8.36	8.36
5.04	66.76	420149.253	96.86	96.86	.028	10.10	10.10
6.35	132.90	250746.268	98.38	98.38	.033	12.18	12.18
8.00	267.01	168656.716	99.41	99.41	.045	14.99	14.99
10.08	537.30	51492.537	99.72	99.72	.027	16.70	16.70
12.70	1068.23	17910.447	99.83	99.83	.019	17.89	17.89
16.00	2136.06	10116.279	99.89	99.89	.021	19.19	19.19
20.20	4298.42	5406.976	99.92	.03	.023	20.61	1.42
25.40	8545.85	2848.837	99.94	.05	.024	22.10	2.91
32.00	17088.51	1453.488	99.95	.05	.025	23.65	4.46
40.30	34132.61	2441.860	99.96	.07	.084	28.85	9.66
50.80	68366.83	2151.162	99.98	.01	.148	38.03	9.17
64.00	136708.10	1686.046	99.99	.02	.232	52.40	23.54
80.60	273060.85	813.953	99.99	.02	.224	66.28	37.42
101.60	553419.97	523.255	99.99	.03	.288	84.13	55.27
128.00	1093664.77	116.279	99.99	.03	.128	92.06	63.20
161.00	2184016.90	58.139	100.00	.00	.128	99.99	7.93
203.00	4377906.30	.000	100.00	.00	.000	99.99	7.93
TOTAL		16492541.651			1.613		

14/03/74 40.0 m

CARBON	143	mg m^{-3}
NITROGEN	16.0	mg m^{-3}
ATP	0.0120	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.45×10^{-3}
FLAGELLATES	8.17×10^{-5}
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.54×10^{-3}
MICROZOOPLANKTON	8.41×10^{-2}
FAECAL PELLETS	0.0

DATE: 14/ 3/74 DEPTH: 60.0 M AREA: DB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10373134.328	53.30	53.30	.043	1.28	1.28
2.52	8.35	3338059.701	70.45	70.45	.027	2.11	2.11
3.17	16.77	3420895.522	88.03	88.03	.057	3.81	3.81
4.00	33.38	1076865.671	93.57	93.57	.036	4.87	4.87
5.04	66.76	557462.686	96.43	96.43	.037	5.98	5.98
6.35	132.90	328358.208	98.12	98.12	.044	7.28	7.28
8.00	267.01	208208.955	99.19	99.19	.055	8.94	8.94
10.08	537.30	67164.179	99.53	99.53	.036	10.00	10.00
12.70	1068.23	34328.358	99.71	99.71	.036	11.09	11.09
16.00	2136.06	13432.835	99.78	99.78	.028	11.95	11.95
20.20	4298.42	8081.395	99.82	.04	.034	12.95	1.00
25.40	8545.85	5000.000	99.85	.06	.043	14.23	2.28
32.00	17088.51	6511.627	99.88	.10	.112	17.55	5.60
40.30	34132.61	6918.604	99.92	.13	.238	24.60	12.65
50.80	68366.83	6627.906	99.95	.03	.456	38.12	13.51
64.00	136708.10	5755.813	99.98	.06	.792	61.59	36.98
80.60	273060.85	2034.883	99.99	.07	.560	78.18	53.58
101.60	553419.97	755.813	99.99	.07	.416	90.51	65.90
128.00	1093664.77	290.697	100.00	.07	.320	99.99	75.39
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		19459887.191			3.374		

14/03/74 60.0 m

CARBON	160	mg m^{-3}
NITROGEN	15.0	mg m^{-3}
ATP	0.008	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.24×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	4.64×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	5.88×10^{-4}
MICROZOOPLANKTON	3.52×10^{-2}
FAECAL PELLETS	0.0

DATE: 18/ 3/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12386567.164	35.85	35.85	.051	1.58	1.58
2.52	8.35	7419402.985	57.32	57.32	.062	3.49	3.49
3.17	16.77	5213432.835	72.41	72.41	.087	6.16	6.16
4.00	33.38	1832089.552	77.72	77.72	.061	8.04	8.04
5.04	66.76	1002238.805	80.62	80.62	.067	10.10	10.10
6.35	132.90	1225373.134	84.16	84.16	.164	15.13	15.13
8.00	267.01	3829850.746	95.25	95.25	1.026	46.60	46.60
10.08	537.30	1458955.223	99.47	99.47	.782	70.57	70.57
12.70	1068.23	132835.820	99.86	99.86	.142	74.93	74.93
16.00	2136.06	21641.791	99.92	99.92	.046	76.35	76.35
20.20	4298.42	11940.298	99.95	.03	.051	77.92	1.56
25.40	8545.85	6453.488	99.97	.05	.055	79.61	3.25
32.00	17088.51	2616.279	99.98	.06	.045	80.99	4.63
40.30	34132.61	1744.186	99.99	.06	.060	82.83	6.47
50.80	68366.83	1627.906	99.99	.00	.112	86.26	3.43
64.00	136708.10	581.395	99.99	.00	.080	88.71	5.88
80.60	273060.85	523.255	99.99	.00	.144	93.13	10.29
101.60	553419.97	290.697	99.99	.00	.160	98.03	15.20
128.00	1093664.77	58.139	100.00	.00	.064	99.99	17.16
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		34548223.706			3.262		

18/03/74 0 m

CARBON	428	mg m^{-3}
NITROGEN	67.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.91×10^{-4}
FLAGELLATES	3.00×10^{-3}
DINOFLAGELLATES	6.86×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.05×10^{-2}
MICROZOOPLANKTON	1.40×10^{-3}
FAECAL PELLETS	0.0

DATE: 18/ 3/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	15280597.014	38.92	38.92	.063	1.42	1.42
2.52	8.35	6519402.985	55.53	55.53	.054	2.63	2.63
3.17	16.77	7080597.014	73.57	73.57	.118	5.27	5.27
4.00	33.38	1989552.238	78.64	78.64	.066	6.75	6.75
5.04	66.76	1029104.477	81.26	81.26	.068	8.28	8.28
6.35	132.90	1497014.925	85.07	85.07	.200	12.75	12.75
8.00	267.01	4223134.328	95.83	95.83	1.131	37.92	37.92
10.08	537.30	1423880.597	99.46	99.46	.763	54.90	54.90
12.70	1068.23	137313.432	99.81	99.81	.147	58.17	58.17
16.00	2136.06	30597.014	99.88	99.88	.065	59.63	59.63
20.20	4298.42	18656.716	99.93	.04	.080	61.41	1.77
25.40	8545.85	10447.761	99.96	.07	.089	63.40	3.77
32.00	17088.51	3895.348	99.97	.08	.067	64.89	5.26
40.30	34132.61	4593.023	99.98	.09	.158	68.41	8.77
50.80	68366.83	3081.395	99.99	.00	.212	73.12	4.71
64.00	136708.10	1453.488	99.99	.01	.200	77.57	9.16
80.60	273060.85	872.093	99.99	.01	.240	82.91	14.50
101.60	553419.97	232.558	99.99	.01	.128	85.76	17.35
128.00	1093664.77	232.558	99.99	.01	.256	91.45	23.04
161.00	2184016.90	174.418	100.00	.00	.384	99.99	8.54
203.00	4377906.30	.000	100.00	.00	.000	99.99	8.54
TOTAL		39254833.390			4.495		

18/03/74 2.5 m

CARBON	403	mg m^{-3}
NITROGEN	63.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.10×10^{-2}
FLAGELLATES	8.83×10^{-3}
DINOFLAGELLATES	1.27×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.26×10^{-2}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 18/ 3/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10414925.373	32.82	32.82	.043	.92	.92
2.52	8.35	5414925.373	49.89	49.89	.045	1.87	1.87
3.17	16.77	5615671.641	67.60	67.60	.094	3.86	3.86
4.00	33.38	1488805.970	72.29	72.29	.049	4.91	4.91
5.04	66.76	874626.865	75.05	75.05	.058	6.15	6.15
6.35	132.90	1385074.626	79.41	79.41	.185	10.07	10.07
8.00	267.01	4403731.343	93.29	93.29	1.180	35.02	35.02
10.08	537.30	1875373.134	99.20	99.20	1.005	56.26	56.26
12.70	1068.23	163432.835	99.72	99.72	.175	59.97	59.97
16.00	2136.06	47761.194	99.87	99.87	.102	62.13	62.13
20.20	4298.42	13432.835	99.91	.04	.057	63.35	1.21
25.40	8545.85	8430.232	99.94	.06	.072	64.87	2.73
32.00	17088.51	4651.162	99.95	.08	.080	66.56	4.42
40.30	34132.61	4127.906	99.97	.09	.142	69.56	7.43
50.80	68366.83	4186.046	99.98	.01	.288	75.65	6.08
64.00	136708.10	2325.581	99.99	.02	.320	82.41	12.85
80.60	273060.85	1976.744	99.99	.02	.544	93.91	24.34
101.60	553419.97	523.255	100.00	.02	.288	99.99	30.43
128.00	1093664.77	.000	100.00	.02	.000	99.99	30.43
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		31723982.123			4.731		

150a

18/03/74 5.0 m

CARBON	414	mg m^{-3}
NITROGEN	68.0	mg m^{-3}
ATP		mg m^{-3}

VOLUME (PPM)

DIATOMS	2.09×10^{-3}
FLAGELLATES	4.07×10^{-2}
DINOFLAGELLATES	4.94×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.78×10^{-2}
MICROZOOPLANKTON	2.70×10^{-3}
FAECAL PELLETS	0.0

DATE: 18/ 3/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10681343.283	35.00	35.00	.044	1.00	1.00
2.52	8.35	5398507.462	52.69	52.69	.045	2.01	2.01
3.17	16.77	5366417.910	70.28	70.28	.089	4.03	4.03
4.00	33.38	1618656.716	75.59	75.59	.054	5.25	5.25
5.04	66.76	911194.029	78.57	78.57	.061	6.62	6.62
6.35	132.90	1387313.432	83.12	83.12	.185	10.80	10.80
8.00	267.01	3569402.985	94.82	94.82	.956	32.29	32.29
10.08	537.30	1370895.522	99.31	99.31	.734	48.80	48.80
12.70	1068.23	125373.134	99.72	99.72	.134	51.82	51.82
16.00	2136.06	38059.701	99.84	99.84	.081	53.66	53.66
20.20	4298.42	16417.910	99.90	.05	.070	55.24	1.58
25.40	8545.85	9709.302	99.93	.08	.083	57.10	3.44
32.00	17088.51	5058.139	99.95	.10	.087	59.06	5.40
40.30	34132.61	4825.581	99.96	.11	.166	62.79	9.13
50.80	68366.83	4767.441	99.98	.01	.328	70.16	7.36
64.00	136708.10	3255.813	99.99	.02	.448	80.22	17.43
80.60	273060.85	988.372	99.99	.02	.272	86.33	23.54
101.60	553419.97	639.534	99.99	.03	.352	94.24	31.45
128.00	1093664.77	232.558	100.00	.03	.256	99.99	37.20
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		30513058.832			4.450		

1506

18/03/74 10.0 m

CARBON	403	mg m^{-3}
NITROGEN	61.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	3.87×10^{-3}
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.87×10^{-3}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 18/ 3/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11647761.194	40.64	40.64	.048	1.49	1.49
2.52	8.35	4214925.373	55.35	55.35	.035	2.57	2.57
3.17	16.77	6369402.985	77.57	77.57	.106	5.83	5.83
4.00	33.38	1335820.895	82.23	82.23	.047	7.29	7.29
5.04	66.76	728358.208	84.77	84.77	.048	8.78	8.78
6.35	132.90	1103731.343	88.63	88.63	.147	13.31	13.31
8.00	267.01	2358208.955	96.86	96.86	.632	32.66	32.66
10.08	537.30	761194.029	99.51	99.51	.408	45.15	45.15
12.70	1068.23	74626.865	99.77	99.77	.080	47.60	47.60
16.00	2136.06	30597.014	99.88	99.88	.065	49.61	49.61
20.20	4298.42	10447.761	99.91	.03	.044	50.98	1.37
25.40	8545.85	6511.627	99.94	.05	.056	52.70	3.08
32.00	17088.51	4244.186	99.95	.07	.073	54.93	5.32
40.30	34132.61	3720.930	99.97	.08	.128	58.85	9.23
50.80	68366.83	3837.209	99.98	.01	.264	66.93	8.08
64.00	136708.10	2965.116	99.99	.02	.408	79.42	20.57
80.60	273060.85	1279.069	99.99	.02	.352	90.20	31.34
101.60	553419.97	348.837	99.99	.02	.192	96.08	37.22
128.00	1093664.77	.000	99.99	.02	.000	96.08	37.22
161.00	2184016.90	58.139	100.00	.00	.128	99.99	3.91
203.00	4377906.30	.000	100.00	.00	.000	99.99	3.91
TOTAL		28658039.742			3.266		

18/03/74 15.0 m

CARBON	284	mg m^{-3}
NITROGEN	44.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.01×10^{-3}
FLAGELLATES	1.55×10^{-3}
DINOFLAGELLATES	5.39×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	5.94×10^{-2}
MICROZOOPLANKTON	6.34×10^{-2}
FAECAL PELLETS	2.01×10^{-2}

DATE: 18/ 3/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10860447.761	40.54	40.54	.045	1.32	1.32
2.52	8.35	4058208.955	55.69	55.69	.033	2.31	2.31
3.17	16.77	6348507.462	79.39	79.39	.106	5.41	5.41
4.00	33.38	1353731.343	84.44	84.44	.045	6.73	6.73
5.04	66.76	775373.134	87.34	87.34	.051	8.24	8.24
6.35	132.90	975373.134	90.98	90.98	.130	12.05	12.05
8.00	267.01	1754477.611	97.53	97.53	.470	25.77	25.77
10.08	537.30	505970.149	99.41	99.41	.271	33.67	33.67
12.70	1068.23	82835.820	99.72	99.72	.088	36.26	36.26
16.00	2136.06	25373.134	99.82	99.82	.054	37.85	37.85
20.20	4298.42	15348.837	99.88	.05	.066	39.78	1.92
25.40	8545.85	9244.186	99.91	.09	.079	42.08	4.22
32.00	17088.51	6162.790	99.93	.11	.106	45.17	7.31
40.30	34132.61	5930.232	99.96	.13	.204	51.12	13.26
50.80	68366.83	5058.139	99.97	.01	.348	61.27	10.14
64.00	136708.10	3372.093	99.99	.03	.464	74.80	23.67
80.60	273060.85	1395.348	99.99	.03	.384	86.00	34.87
101.60	553419.97	639.534	99.99	.03	.352	96.26	45.14
128.00	1093664.77	116.279	100.00	.03	.128	99.99	48.87
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		26787565.948			3.429		

18/03/74 20.0 m

CARBON	241	mg m^{-3}
NITROGEN	34.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.30×10^{-3}
FLAGELLATES	1.07×10^{-4}
DINOFLAGELLATES	4.73×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	9.13×10^{-3}
MICROZOOPLANKTON	5.40×10^{-3}
FAECAL PELLETS	0.0

DATE: 18/ 3/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10577611.940	42.91	42.91	.044	1.22	1.22
2.52	8.35	3873880.597	58.63	58.63	.032	2.11	2.11
3.17	16.77	6476119.402	84.90	84.90	.108	5.11	5.11
4.00	33.38	1274626.865	90.07	90.07	.042	6.29	6.29
5.04	66.76	716417.910	92.98	92.98	.048	7.62	7.62
6.35	132.90	667164.179	95.69	95.69	.089	10.09	10.09
8.00	267.01	725373.134	98.63	98.63	.194	15.47	15.47
10.08	537.30	198507.462	99.43	99.43	.106	18.41	18.41
12.70	1068.23	64179.104	99.70	99.70	.068	20.31	20.31
16.00	2136.06	26865.671	99.80	99.80	.057	21.91	21.91
20.20	4298.42	16417.910	99.87	.06	.070	23.85	1.94
25.40	8545.85	7906.976	99.90	.09	.068	25.74	3.82
32.00	17088.51	5290.697	99.92	.12	.091	28.25	6.34
40.30	34132.61	4244.186	99.94	.13	.146	32.29	10.38
50.80	68366.83	4883.720	99.96	.01	.336	41.58	9.29
64.00	136708.10	4651.162	99.98	.03	.640	59.28	26.99
80.60	273060.85	2558.139	99.99	.04	.704	78.75	46.46
101.60	553419.97	813.953	99.99	.05	.448	91.14	58.85
128.00	1093664.77	174.418	99.99	.05	.192	96.45	64.16
161.00	2184016.90	58.139	100.00	.00	.128	99.99	3.54
203.00	4377906.30	.000	100.00	.00	.000	99.99	3.54
TOTAL		24647745.573			3.615		

18/03/74	30.0 m	
CARBON	200	mg m^{-3}
NITROGEN	25.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.25×10^{-3}
FLAGELLATES	3.77×10^{-5}
DINOFLAGELLATES	2.57×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.86×10^{-3}
MICROZOOPLANKTON	8.55×10^{-2}
FAECAL PELLETS	4.34×10^{-3}

DATE: 18/ 3/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9952238.805	43.40	43.40	.041	1.50	1.50
2.52	8.35	4189552.238	61.67	61.67	.035	2.77	2.77
3.17	16.77	6283582.089	89.07	89.07	.105	6.57	6.57
4.00	33.38	973880.597	93.32	93.32	.032	7.75	7.75
5.04	66.76	490298.507	95.46	95.46	.032	8.94	8.94
6.35	132.90	454477.611	97.44	97.44	.060	11.14	11.14
8.00	267.01	420149.253	99.28	99.28	.112	15.22	15.22
10.08	537.30	97761.194	99.70	99.70	.052	17.11	17.11
12.70	1068.23	33582.089	99.85	99.85	.036	18.42	18.42
16.00	2136.06	8955.223	99.89	99.89	.019	19.11	19.11
20.20	4298.42	8208.955	99.92	.03	.035	20.39	1.27
25.40	8545.85	3895.348	99.94	.05	.033	21.58	2.46
32.00	17088.51	2383.720	99.95	.06	.041	23.06	3.95
40.30	34132.61	2732.558	99.96	.07	.094	26.47	7.35
50.80	68366.83	2441.860	99.97	.01	.168	32.54	6.07
64.00	136708.10	2267.441	99.98	.02	.312	43.83	17.36
80.60	273060.85	1686.046	99.99	.02	.464	60.62	34.15
101.60	553419.97	697.674	99.99	.03	.384	74.52	48.05
128.00	1093664.77	290.697	99.99	.03	.320	86.10	59.63
161.00	2184016.90	174.418	100.00	.00	.384	99.99	13.89
203.00	4377906.30	.000	100.00	.00	.000	99.99	13.89
TOTAL		22929256.333			2.763		

18/03/74 40.0 m

CARBON	128	mg m^{-3}
NITROGEN	15.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.76×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	3.80×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	6.14×10^{-3}
MICROZOOPLANKTON	1.41×10^{-2}
FAECAL PELLETS	6.87×10^{-3}

DATE: 18/ 3/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12238805.970	49.05	49.05	.051	3.93	3.93
2.52	8.35	4082089.552	65.41	65.41	.034	6.56	6.56
3.17	16.77	6424626.865	91.16	91.16	.107	14.83	14.83
4.00	33.38	1058955.223	95.40	95.40	.035	17.55	17.55
5.04	66.76	559701.492	97.65	97.65	.037	20.44	20.44
6.35	132.90	290298.507	98.81	98.81	.038	23.43	23.43
8.00	267.01	179850.746	99.53	99.53	.048	27.13	27.13
10.08	537.30	63432.835	99.79	99.79	.034	29.75	29.75
12.70	1068.23	25373.134	99.89	99.89	.027	31.84	31.84
16.00	2136.06	8955.223	99.92	99.92	.019	33.32	33.32
20.20	4298.42	5988.372	99.95	.02	.025	35.24	1.92
25.40	8545.85	4244.186	99.97	.04	.036	38.01	4.69
32.00	17088.51	1976.744	99.97	.04	.034	40.62	7.30
40.30	34132.61	1744.186	99.98	.05	.060	45.24	11.92
50.80	68366.83	1395.348	99.99	.00	.096	52.62	7.38
64.00	136708.10	1104.651	99.99	.01	.152	64.31	19.07
80.60	273060.85	755.813	99.99	.01	.208	80.31	35.06
101.60	553419.97	348.837	99.99	.01	.192	95.07	49.83
128.00	1093664.77	58.139	100.00	.01	.064	99.99	54.75
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		24949705.830			1.300		

18/03/74	60.0 m	
CARBON	132	mg m^{-3}
NITROGEN	15.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.10×10^{-4}
FLAGELLATES	1.37×10^{-5}
DINOFLAGELLATES	2.08×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.20×10^{-3}
MICROZOOPLANKTON	5.90×10^{-3}
FAECAL PELLETS	2.06×10^{-3}

DATE: 20/ 3/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	29508955.223	42.06	42.06	.123	1.28	1.28
2.52	8.35	9900746.268	56.18	56.18	.082	2.15	2.15
3.17	16.77	8220895.522	67.90	67.90	.137	3.58	3.58
4.00	33.38	3895522.388	73.45	73.45	.130	4.95	4.95
5.04	66.76	1500746.268	75.59	75.59	.100	5.99	6.00
6.35	132.90	2661940.298	79.39	79.39	.356	9.72	9.72
8.00	267.01	9419402.985	92.82	92.82	2.524	36.05	36.05
10.08	537.30	4322388.059	98.98	98.98	2.316	60.22	60.22
12.70	1068.23	511940.298	99.71	99.71	.548	65.95	65.95
16.00	2136.06	126119.402	99.89	99.89	.270	68.77	68.77
20.20	4298.42	25373.134	99.92	.03	.108	69.91	1.13
25.40	8545.85	18656.716	99.95	.06	.160	71.58	2.80
32.00	17088.51	8372.093	99.96	.07	.144	73.08	4.30
40.30	34132.61	9186.046	99.97	.08	.316	76.37	7.60
50.80	68366.83	7325.581	99.99	.01	.504	81.63	5.25
64.00	136708.10	3720.930	99.99	.01	.512	86.97	10.59
80.60	273060.85	1976.744	99.99	.01	.544	92.65	16.27
101.60	553419.97	1279.069	100.00	.02	.704	99.99	23.62
128.00	1093664.77	.000	100.00	.02	.000	99.99	23.62
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		70144547.031			9.585		

20/03/74 0 m

CARBON	838	mg m^{-3}
NITROGEN	112	mg m^{-3}
ATP	1.44	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.55×10^{-3}
FLAGELLATES	7.48×10^{-3}
DINOFLAGELLATES	2.26×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.36×10^{-2}
MICROZOOPLANKTON	1.11×10^{-1}
FAECAL PELLETS	0.0

DATE: 20/ 3/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	52699253.731	56.79	56.79	.220	2.12	2.12
2.52	8.35	12894776.119	70.68	70.68	.107	3.15	3.15
3.17	16.77	8300746.268	79.63	79.63	.139	4.49	4.49
4.00	33.38	3811194.029	83.74	83.74	.127	5.72	5.72
5.04	66.76	1349253.731	85.19	85.19	.090	6.58	6.58
6.35	132.90	2564925.373	87.95	87.95	.343	9.89	9.89
8.00	267.01	7556716.417	96.10	96.10	2.025	29.36	29.36
10.08	537.30	3127611.940	99.47	99.47	1.676	45.47	45.47
12.70	1068.23	347014.925	99.84	99.84	.372	49.05	49.05
16.00	2136.06	69402.985	99.92	99.92	.148	50.48	50.48
20.20	4298.42	16417.910	99.93	.01	.070	51.15	.67
25.40	8545.85	13255.813	99.95	.03	.114	52.25	1.77
32.00	17088.51	10639.534	99.96	.04	.183	54.01	3.53
40.30	34132.61	9651.162	99.97	.05	.332	57.20	6.72
50.80	68366.83	9011.627	99.98	.00	.620	63.16	5.95
64.00	136708.10	7267.441	99.99	.01	1.000	72.77	15.57
80.60	273060.85	3662.790	99.99	.02	1.008	82.46	25.26
101.60	553419.97	2034.883	99.99	.02	1.120	93.23	36.02
128.00	1093664.77	639.534	100.00	.02	.704	99.99	42.79
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		92793476.222			10.403		

20/03/74 2.5 m

CARBON	367	mg m^{-3}
NITROGEN	55.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	9.80×10^{-4}
FLAGELLATES	2.63×10^{-2}
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.73×10^{-2}
MICROZOOPLANKTON	3.60×10^{-2}
FAECAL PELLETS	0.0

DATE: 20/ 3/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	58888059.701	65.15	65.15	.246	4.36	4.36
2.52	8.35	11936567.164	78.35	78.35	.099	6.13	6.13
3.17	16.77	7067910.447	86.17	86.17	.118	8.22	8.22
4.00	33.38	3050746.268	89.55	89.55	.102	10.03	10.03
5.04	66.76	1034328.358	90.69	90.69	.069	11.25	11.25
6.35	132.90	3138059.701	94.17	94.17	.420	18.70	18.70
8.00	267.01	4405970.149	99.04	99.04	1.180	39.59	39.59
10.08	537.30	706716.417	99.82	99.82	.378	46.30	46.30
12.70	1068.23	94776.119	99.93	99.93	.101	48.10	48.10
16.00	2136.06	17164.179	99.95	99.95	.036	48.75	48.75
20.20	4298.42	6716.417	99.95	.00	.028	49.26	.50
25.40	8545.85	9593.023	99.96	.01	.082	50.71	1.96
32.00	17088.51	8430.232	99.97	.02	.145	53.27	4.52
40.30	34132.61	6162.790	99.98	.03	.212	57.03	8.27
50.80	68366.83	5988.372	99.99	.00	.412	64.32	7.29
64.00	136708.10	3837.209	99.99	.01	.528	73.66	16.63
80.60	273060.85	1569.767	99.99	.01	.432	81.31	24.28
101.60	553419.97	755.813	99.99	.01	.416	88.67	31.64
128.00	1093664.77	348.837	99.99	.01	.384	95.46	38.43
161.00	2184016.90	116.279	99.99	.00	.256	99.99	4.53
203.00	4377906.30	.000	99.99	.00	.000	99.99	4.53
TOTAL		90383817.250			5.650		

20/03/74 5.0 m

CARBON	331	mg m^{-3}
NITROGEN	54.0	mg m^{-3}
ATP	0.360	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	4.11×10^{-4}
DINOFLAGELLATES	3.68×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.09×10^{-3}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 20/ 3/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	36513432.835	64.95	64.95	.152	4.43	4.43
2.52	8.35	6684328.358	76.84	76.84	.055	6.06	6.06
3.17	16.77	6542537.313	88.48	88.48	.109	9.24	9.24
4.00	33.38	2755223.880	93.38	93.38	.092	11.93	11.93
5.04	66.76	1102985.074	95.34	95.34	.073	14.08	14.08
6.35	132.90	804477.611	96.77	96.77	.107	17.21	17.21
8.00	267.01	1267910.447	99.03	99.03	.339	27.08	27.08
10.08	537.30	348507.462	99.65	99.65	.186	32.50	32.50
12.70	1068.23	94776.119	99.82	99.82	.101	35.45	35.45
16.00	2136.06	39552.238	99.89	99.89	.084	37.91	37.91
20.20	4298.42	22388.059	99.93	.03	.096	40.70	2.78
25.40	8545.85	14302.325	99.95	.06	.123	44.27	6.35
32.00	17088.51	8081.395	99.97	.07	.139	48.31	10.39
40.30	34132.61	5232.558	99.98	.08	.180	53.53	15.62
50.80	68366.83	4651.162	99.98	.00	.320	62.83	9.29
64.00	136708.10	3720.930	99.99	.01	.512	77.69	24.15
80.60	273060.85	1395.348	99.99	.01	.384	88.84	35.30
101.60	553419.97	465.116	99.99	.01	.256	96.28	42.74
128.00	1093664.77	116.279	100.00	.01	.128	99.99	46.46
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		56214084.518			3.443		

20/03/74 10.0 m

CARBON	226	mg m^{-3}
NITROGEN	30.0	mg m^{-3}
ATP	0.240	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.38×10^{-2}
FLAGELLATES	2.29×10^{-2}
DINOFLAGELLATES	3.01×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	6.68×10^{-2}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 20/ 3/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	72561194.029	67.30	67.30	.303	6.13	6.13
2.52	8.35	18424626.865	84.39	84.39	.154	9.25	9.25
3.17	16.77	7202985.074	91.07	91.07	.120	11.69	11.69
4.00	33.38	3457462.686	94.28	94.28	.115	14.03	14.03
5.04	66.76	1546268.656	95.72	95.72	.103	16.12	16.12
6.35	132.90	1105970.149	96.74	96.74	.148	19.11	19.11
8.00	267.01	2694029.850	99.24	99.24	.722	33.70	33.70
10.08	537.30	642537.313	99.84	99.84	.344	40.65	40.65
12.70	1068.23	85074.626	99.92	99.92	.091	42.50	42.50
16.00	2136.06	26865.671	99.94	99.94	.057	43.66	43.66
20.20	4298.42	17164.179	99.96	.01	.073	45.15	1.48
25.40	8545.85	9825.581	99.97	.02	.084	46.84	3.18
32.00	17088.51	8895.348	99.97	.03	.153	49.94	6.27
40.30	34132.61	6686.046	99.98	.03	.230	54.58	10.92
50.80	68366.83	8139.534	99.99	.00	.560	65.89	11.31
64.00	136708.10	5290.697	99.99	.01	.728	80.60	26.01
80.60	273060.85	1162.790	99.99	.01	.320	87.07	32.48
101.60	553419.97	813.953	99.99	.01	.448	96.12	41.53
128.00	1093664.77	58.139	99.99	.01	.064	97.41	42.82
161.00	2184016.90	58.139	100.00	.00	.128	99.99	2.58
203.00	4377906.30	.000	100.00	.00	.000	99.99	2.58
TOTAL		107805109.327			4.950		

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20/03/74 15.0 m

CARBON	358	mg m^{-3}
NITROGEN	42.0	mg m^{-3}
ATP	0.332	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.78×10^{-3}
FLAGELLATES	1.70×10^{-5}
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.95×10^{-3}
MICROZOOPLANKTON	1.35×10^{-2}
FAECAL PELLETS	1.27×10^{-2}

DATE: 20/ 3/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	83640298.507	65.98	65.98	.350	7.39	7.39
2.52	8.35	26055223.880	86.54	86.54	.218	11.99	11.99
3.17	16.77	8000746.268	92.85	92.85	.134	14.82	14.82
4.00	33.38	4149253.731	96.12	96.12	.139	17.75	17.75
5.04	66.76	2022388.059	97.72	97.72	.135	20.61	20.61
6.35	132.90	886567.164	98.42	98.42	.118	23.12	23.12
8.00	267.01	1511940.298	99.61	99.61	.405	31.67	31.67
10.08	537.30	313432.835	99.86	99.86	.168	35.22	35.22
12.70	1068.23	73134.328	99.92	99.92	.078	36.87	36.87
16.00	2136.06	36059.701	99.95	99.95	.081	38.59	38.59
20.20	4298.42	21641.791	99.96	.01	.092	40.55	1.95
25.40	8545.85	13546.511	99.97	.02	.116	42.99	4.40
32.00	17088.51	7267.441	99.98	.03	.125	45.63	7.04
40.30	34132.61	6627.906	99.98	.03	.228	50.44	11.85
50.80	68366.83	5174.418	99.99	.00	.356	57.96	7.51
64.00	136708.10	4476.744	99.99	.00	.616	70.96	20.51
80.60	273060.85	2558.139	99.99	.00	.704	85.81	35.36
101.60	553419.97	755.813	99.99	.01	.416	94.59	44.14
128.00	1093664.77	116.279	99.99	.01	.128	97.29	46.85
161.00	2184016.90	58.139	100.00	.00	.128	99.99	2.70
203.00	4377906.30	.000	100.00	.00	.000	99.99	2.70
TOTAL		126753267.952			4.738		

20/03/74 20.0 m

CARBON	152	mg m^{-3}
NITROGEN	17.0	mg m^{-3}
ATP	0.152	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	1.47×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.47×10^{-3}
MICROZOOPLANKTON	1.97×10^{-1}
FAECAL PELLETS	8.55×10^{-3}

DATE: 20/ 3/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	58855223.880	76.15	76.15	.246	12.18	12.18
2.52	8.35	8899253.731	87.66	87.66	.074	15.87	15.87
3.17	16.77	5478358.208	94.75	94.75	.091	20.41	20.41
4.00	33.38	2385074.626	97.84	97.84	.079	24.36	24.36
5.04	66.76	980805.970	99.12	99.12	.066	27.63	27.63
6.35	132.90	267164.179	99.46	99.46	.035	29.40	29.40
8.00	267.01	288059.701	99.84	99.84	.077	33.22	33.22
10.08	537.30	64179.104	99.92	99.92	.034	34.92	34.92
12.70	1068.23	24626.865	99.95	99.95	.026	36.22	36.22
16.00	2136.06	13432.835	99.97	99.97	.028	37.65	37.65
20.20	4298.42	5970.149	99.98	.00	.025	38.91	1.26
25.40	8545.85	2985.074	99.98	.01	.025	40.18	2.53
32.00	17088.51	2906.976	99.98	.01	.050	42.65	5.00
40.30	34132.61	3139.534	99.99	.01	.103	47.99	10.34
50.80	68366.83	2267.441	99.99	.00	.156	55.70	7.71
64.00	136708.10	1744.186	99.99	.00	.240	67.56	19.57
80.60	273060.85	872.093	99.99	.00	.240	79.43	31.44
101.60	553419.97	639.534	99.99	.00	.352	96.83	48.84
128.00	1093664.77	58.139	100.00	.00	.064	99.99	52.00
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		77284762.234			2.022		

20/03/74 30.0 m

CARBON	116	mg m^{-3}
NITROGEN	13.0	mg m^{-3}
ATP	0.0444	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.74×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	7.43×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.49×10^{-2}
MICROZOOPLANKTON	2.90×10^{-3}
FAECAL PELLETS	2.32×10^{-3}

DATE: 20/ 3/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	53291044.776	74.16	74.16	.223	12.54	12.54
2.52	8.35	9408656.716	87.34	87.34	.079	17.00	17.00
3.17	16.77	5698507.462	95.27	95.27	.095	22.36	22.36
4.00	33.38	2285074.626	98.45	98.45	.076	26.66	26.66
5.04	66.76	523880.597	99.18	99.18	.035	28.63	28.63
6.35	132.90	236567.164	99.51	99.51	.031	30.42	30.42
8.00	267.01	206716.417	99.80	99.80	.055	33.53	33.53
10.08	537.30	70895.522	99.90	99.90	.038	35.67	35.67
12.70	1068.23	29104.477	99.94	99.94	.031	37.42	37.42
16.00	2136.06	16417.910	99.96	99.96	.035	39.40	39.40
20.20	4298.42	10447.761	99.98	.01	.044	41.92	2.51
25.40	8545.85	3731.343	99.98	.01	.032	43.72	4.31
32.00	17088.51	2267.441	99.98	.02	.039	45.91	6.51
40.30	34132.61	2500.000	99.99	.02	.086	50.75	11.34
50.80	68366.83	2151.162	99.99	.00	.148	59.07	8.32
64.00	136708.10	1802.325	99.99	.00	.248	73.01	22.26
80.60	273060.85	1046.511	99.99	.00	.288	89.20	38.45
101.60	553419.97	232.558	99.99	.00	.128	96.40	45.65
128.00	1093664.77	58.139	100.00	.00	.064	99.99	49.24
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		71851102.914			1.778		

20/03/74 40.0 m

CARBON	155	mg m^{-3}
NITROGEN	14.0	mg m^{-3}
ATP	0.0372	mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.10×10^{-5}
FLAGELLATES	2.54×10^{-5}
DINOFLAGELLATES	2.50×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.60×10^{-3}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 20/ 3/74 DEPTH: 60.0 M AREA: DB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	72163432.835	73.56	73.56	.302	13.73	13.73
2.52	8.35	14701492.537	88.54	88.54	.123	19.32	19.32
3.17	16.77	6620895.522	95.29	95.29	.110	24.37	24.37
4.00	33.38	2626119.402	97.97	97.97	.087	28.36	28.36
5.04	66.76	1317164.179	99.31	99.31	.088	32.37	32.37
6.35	132.90	333582.089	99.65	99.65	.044	34.40	34.40
8.00	267.01	165671.641	99.82	99.82	.044	36.42	36.42
10.08	537.30	78358.208	99.90	99.90	.042	38.33	38.33
12.70	1068.23	41791.044	99.94	99.94	.044	40.37	40.37
16.00	2136.06	22388.059	99.97	99.97	.048	42.55	42.55
20.20	4298.42	11194.029	99.98	.01	.048	44.73	2.18
25.40	8545.85	5223.880	99.98	.01	.044	46.77	4.21
32.00	17088.51	4477.611	99.99	.02	.076	50.26	7.71
40.30	34132.61	2965.116	99.99	.02	.102	54.90	12.34
50.80	68366.83	2093.023	99.99	.00	.144	61.44	6.54
64.00	136708.10	1627.906	99.99	.00	.224	71.63	16.72
80.60	273060.85	1220.930	99.99	.00	.336	86.90	32.00
101.60	553419.97	523.255	100.00	.00	.288	99.99	45.09
128.00	1093664.77	.000	100.00	.00	.000	99.99	45.09
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		98100221.276			2.199		

20/03/74 60.0 m

CARBON	230	mg m^{-3}
NITROGEN	20.0	mg m^{-3}
ATP	0.0040	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.46×10^{-4}
FLAGELLATES	8.72×10^{-5}
DINOFLAGELLATES	2.98×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	7.31×10^{-4}
MICROZOOPLANKTON	5.00×10^{-4}
FAECAL PELLETS	4.52×10^{-4}

DATE: 22/ 3/74 DEPTH: .0 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	20834328.358	40.20	40.20	.087	1.40	1.40
2.52	8.35	9062686.567	57.69	57.69	.075	2.63	2.63
3.17	16.77	5596268.656	68.49	68.49	.093	4.14	4.14
4.00	33.38	3041791.044	74.36	74.36	.101	5.78	5.78
5.04	66.76	1576119.402	77.40	77.40	.105	7.49	7.49
6.35	132.90	3247014.925	83.67	83.67	.435	14.51	14.51
8.00	267.01	6132089.552	95.50	95.50	1.643	41.03	41.03
10.08	537.30	1982089.552	99.33	99.33	1.062	58.18	58.18
12.70	1068.23	242537.313	99.79	99.79	.260	62.38	62.38
16.00	2136.06	55970.149	99.90	99.90	.120	64.31	64.31
20.20	4298.42	22388.059	99.94	.04	.096	65.86	1.54
25.40	8545.85	6569.767	99.96	.05	.056	66.76	2.45
32.00	17088.51	5523.255	99.97	.06	.095	68.30	3.98
40.30	34132.61	4534.883	99.98	.07	.156	70.82	6.50
50.80	68366.83	4069.767	99.99	.00	.280	75.33	4.51
64.00	136708.10	2500.000	99.99	.01	.344	80.89	10.07
80.60	273060.85	1976.744	99.99	.01	.544	89.67	18.85
101.60	553419.97	930.232	99.99	.01	.512	97.93	27.11
128.00	1093664.77	116.279	100.00	.01	.128	99.99	29.17
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		51819504.511			6.196		

22/03/74 0 m

CARBON	599	mg m^{-3}
NITROGEN	96.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.60×10^{-3}
FLAGELLATES	7.27×10^{-2}
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	7.43×10^{-2}
MICROZOOPLANKTON	2.34×10^{-2}
FAECAL PELLETS	0.0

DATE: 22/ 3/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	19208955.223	36.32	36.32	.080	1.39	1.39
2.52	8.35	9287313.432	53.88	53.88	.077	2.73	2.73
3.17	16.77	5898507.462	65.03	65.03	.098	4.44	4.44
4.00	33.38	3448507.462	71.55	71.55	.115	6.44	6.44
5.04	66.76	1965671.641	75.27	75.27	.131	8.71	8.71
6.35	132.90	3497014.925	81.88	81.88	.468	16.82	16.82
8.00	267.01	6922388.059	94.97	94.97	1.855	48.90	48.90
10.08	537.30	2206716.417	99.14	99.14	1.182	69.36	69.36
12.70	1068.23	305223.880	99.72	99.72	.327	75.02	75.02
16.00	2136.06	82089.552	99.88	99.88	.176	78.06	78.06
20.20	4298.42	28023.255	99.93	.05	.120	80.14	2.07
25.40	8545.85	13430.232	99.96	.07	.115	82.13	4.06
32.00	17088.51	7616.279	99.97	.09	.131	84.39	6.33
40.30	34132.61	6337.209	99.98	.10	.218	88.16	10.10
50.80	68366.83	4709.302	99.99	.00	.324	93.77	5.60
64.00	136708.10	2151.162	99.99	.01	.296	98.89	10.72
80.60	273060.85	232.558	100.00	.01	.064	99.99	11.83
101.60	553419.97	.000	100.00	.01	.000	99.99	11.83
128.00	1093664.77	.000	100.00	.01	.000	99.99	11.83
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		52884888.058			5.781		

22/03/74 2.5 m

CARBON	187	mg m^{-3}
NITROGEN	69.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	7.84×10^{-3}
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	7.84×10^{-3}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 22/ 3/74 DEPTH: 5.0 M AREA: EE

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	16971641.791	33.44	33.44	.071	.91	.91
2.52	8.35	9907462.686	52.97	52.97	.082	1.98	1.98
3.17	16.77	5773880.597	64.35	64.35	.096	3.22	3.22
4.00	33.38	3300000.000	70.85	70.85	.110	4.65	4.65
5.04	66.76	1976119.402	74.75	74.75	.132	6.35	6.35
6.35	132.90	3393283.582	81.44	81.44	.454	12.21	12.21
8.00	267.01	6635820.895	94.51	94.51	1.778	35.12	35.12
10.08	537.30	2300000.000	99.05	99.05	1.232	50.99	50.99
12.70	1068.23	312686.567	99.66	99.66	.335	55.31	55.31
16.00	2136.06	85820.895	99.83	99.83	.184	57.68	57.68
20.20	4298.42	35465.116	99.90	.06	.152	59.64	1.95
25.40	8545.85	15348.837	99.93	.10	.132	61.34	3.65
32.00	17088.51	9709.302	99.95	.11	.167	63.49	5.30
40.30	34132.61	7151.162	99.97	.13	.246	66.66	8.97
50.80	68366.83	5988.372	99.98	.01	.412	71.97	5.30
64.00	136708.10	5348.837	99.99	.02	.736	81.45	14.78
80.60	273060.85	1511.627	99.99	.02	.416	86.81	20.14
101.60	553419.97	1046.511	99.99	.02	.576	94.22	27.56
128.00	1093664.77	406.976	100.00	.02	.448	99.99	33.33
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		50738693.161			7.763		

22/03/74 5.0 m

CARBON	584	mg m^{-3}
NITROGEN	97.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	6.52×10^{-3}
FLAGELLATES	3.99×10^{-2}
DINOFLAGELLATES	3.49×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.68×10^{-2}
MICROZOOPLANKTON	2.70×10^{-3}
FAECAL PELLETS	0.0

DATE: 22/ 3/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	15163432.835	37.38	37.38	.063	.85	.85
2.52	8.35	6676865.671	53.85	53.85	.055	1.61	1.61
3.17	16.77	4267910.447	64.37	64.37	.071	2.57	2.57
4.00	33.38	2433582.089	70.37	70.37	.081	3.68	3.68
5.04	66.76	1530597.014	74.14	74.14	.102	5.06	5.06
6.35	132.90	3131343.283	81.86	81.86	.419	10.74	10.74
8.00	267.01	5420149.253	95.23	95.23	1.452	30.38	30.38
10.08	537.30	1583582.089	99.13	99.13	.848	41.86	41.86
12.70	1068.23	217910.447	99.67	99.67	.236	45.06	45.06
16.00	2136.06	55970.149	99.81	99.81	.120	46.69	46.69
20.20	4298.42	23880.597	99.87	.05	.102	48.07	1.38
25.40	8545.85	13139.534	99.90	.09	.113	49.60	2.91
32.00	17088.51	9418.604	99.92	.11	.162	51.79	5.10
40.30	34132.61	8953.488	99.95	.13	.308	55.96	9.27
50.80	68366.83	8953.488	99.97	.02	.616	64.29	8.33
64.00	136708.10	6976.744	99.98	.03	.960	77.27	21.31
80.60	273060.85	2616.279	99.99	.04	.720	87.01	31.05
101.60	553419.97	1511.627	99.99	.04	.832	98.26	42.30
128.00	1093664.77	116.279	100.00	.04	.128	99.99	44.03
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		40556909.926			7.393		

22/03/74 10.0 m

CARBON	376	mg m^{-3}
NITROGEN	66.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.06×10^{-3}
FLAGELLATES	1.31×10^{-2}
DINOFLAGELLATES	1.38×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.91×10^{-2}
MICROZOOPLANKTON	1.96×10^{-1}
FAECAL PELLETS	0.0

DATE: 22/ 3/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11279104.477	37.62	37.62	.047	.94	.94
2.52	8.35	6200746.268	58.30	58.30	.051	1.97	1.97
3.17	16.77	3058955.223	68.51	68.51	.051	2.99	2.99
4.00	33.38	1773134.328	74.42	74.42	.059	4.18	4.18
5.04	66.76	1052985.074	77.93	77.93	.070	5.58	5.58
6.35	132.90	2071641.791	84.84	84.84	.277	11.12	11.12
8.00	267.01	3326119.402	95.94	95.94	.891	23.90	28.90
10.08	537.30	953731.343	99.12	99.12	.511	39.10	39.10
12.70	1068.23	150000.000	99.62	99.62	.160	42.31	42.31
16.00	2136.06	49011.627	99.78	99.78	.105	44.40	44.40
20.20	4298.42	24767.441	99.87	.08	.106	46.52	2.11
25.40	8545.85	12674.418	99.91	.12	.109	48.69	4.28
32.00	17088.51	6395.348	99.93	.14	.110	50.88	6.48
40.30	34132.61	5755.813	99.95	.16	.198	54.83	10.43
50.80	68366.83	6511.627	99.97	.02	.448	63.77	8.93
64.00	136708.10	4127.906	99.98	.03	.568	75.10	20.26
80.60	273060.85	2209.302	99.99	.04	.608	87.23	32.39
101.60	553419.97	813.953	99.99	.04	.448	96.17	41.33
128.00	1093664.77	174.418	100.00	.00	.192	99.99	45.16
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		29978859.770			5.013		

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22/03/74 15.0 m

CARBON	340	mg m^{-3}
NITROGEN	58.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.46×10^{-3}
FLAGELLATES	6.03×10^{-5}
DINOFLAGELLATES	1.05×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.31×10^{-2}
MICROZOOPLANKTON	2.12×10^{-1}
FAECAL PELLETS	0.0

DATE: 22/ 3/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10674626.865	48.63	48.63	.044	1.25	1.25
2.52	8.35	3871641.791	66.27	66.27	.032	2.16	2.16
3.17	16.77	2372383.059	77.07	77.07	.039	3.28	3.28
4.00	33.38	1364179.104	83.29	83.29	.045	4.56	4.56
5.04	66.76	736567.164	86.64	86.64	.049	5.94	5.94
6.35	132.90	1108955.223	91.70	91.70	.148	10.12	10.12
8.00	267.01	1334328.358	97.78	97.78	.357	20.16	20.16
10.08	537.30	347761.194	99.36	99.36	.186	25.40	25.40
12.70	1068.23	62686.567	99.65	99.65	.067	27.28	27.28
16.00	2136.06	27383.720	99.77	99.77	.058	28.91	28.91
20.20	4298.42	16511.627	99.85	.07	.071	30.91	1.99
25.40	8545.85	8430.232	99.83	.11	.072	32.93	4.01
32.00	17088.51	6511.627	99.91	.14	.112	36.07	7.16
40.30	34132.61	6279.069	99.94	.17	.216	42.14	13.22
50.80	68366.83	5523.255	99.97	.02	.380	52.81	10.67
64.00	136708.10	3837.209	99.93	.04	.528	67.64	25.50
80.60	273060.85	1279.069	99.99	.04	.352	77.53	35.38
101.60	553419.97	755.813	99.99	.05	.416	89.21	47.07
128.00	1093664.77	232.558	99.99	.05	.256	96.40	54.26
161.00	2184016.90	58.139	100.00	.00	.128	99.99	3.59
203.00	4377906.30	.000	100.00	.00	.000	99.99	3.59
TOTAL		21949936.653			3.560		

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22/03/74	20.0 m	
CARBON	184	mg m^{-3}
NITROGEN	30.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	8.55×10^{-4}
FLAGELLATES	1.82×10^{-4}
DINOFLAGELLATES	7.49×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	8.53×10^{-3}
MICROZOOPLANKTON	5.10×10^{-3}
FAECAL PELLETS	1.41×10^{-3}

DATE: 22/ 3/74 DEPTH: 30.0 M AREA: DB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9105223.880	43.89	43.89	.038	1.07	1.07
2.52	8.35	4937313.432	67.69	67.69	.041	2.23	2.23
3.17	16.77	2281343.283	78.69	78.69	.038	3.31	3.31
4.00	33.38	1314179.104	85.03	85.03	.044	4.55	4.55
5.04	66.76	752985.074	88.66	88.66	.050	5.96	5.96
6.35	132.90	944776.119	93.21	93.21	.126	9.53	9.53
8.00	267.01	999253.731	98.03	98.03	.267	17.07	17.07
10.08	537.30	270149.253	99.33	99.33	.144	21.15	21.15
12.70	1068.23	60813.953	99.62	99.62	.065	22.98	22.98
16.00	2136.06	26279.069	99.75	99.75	.056	24.56	24.56
20.20	4298.42	17441.860	99.83	.08	.075	26.67	2.11
25.40	8545.85	8604.651	99.88	.12	.074	28.75	4.19
32.00	17088.51	5581.395	99.90	.15	.096	31.45	6.89
40.30	34132.61	6802.325	99.94	.18	.234	38.04	13.48
50.80	68366.83	5581.395	99.96	.02	.384	48.86	10.81
64.00	136708.10	3895.348	99.98	.04	.536	63.95	25.90
80.60	273060.85	1976.744	99.99	.05	.544	79.27	41.22
101.60	553419.97	639.534	99.99	.05	.352	89.18	51.13
128.00	1093664.77	232.558	99.99	.05	.256	96.39	58.34
161.00	2184016.90	58.139	100.00	.00	.128	99.99	3.60
203.00	4377906.30	.000	100.00	.00	.000	99.99	3.60
TOTAL		20743130.856			3.551		

22/03/74 30.0 m

CARBON	163	mg m^{-3}
NITROGEN	25.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.58×10^{-4}
FLAGELLATES	3.77×10^{-4}
DINOFLAGELLATES	1.47×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.01×10^{-3}
MICROZOOPLANKTON	8.50×10^{-3}
FAECAL PELLETS	1.94×10^{-2}

DATE: 22/ 3/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9730597.014	55.16	55.16	.040	1.38	1.38
2.52	8.35	3149253.731	73.01	73.01	.026	2.28	2.28
3.17	16.77	1880597.014	83.67	83.67	.031	3.36	3.36
4.00	33.38	1026865.671	89.49	89.49	.034	4.53	4.53
5.04	66.76	580597.014	92.78	92.78	.038	5.86	5.86
6.35	132.90	538059.701	95.83	95.83	.072	8.32	8.32
8.00	267.01	503731.343	98.69	98.69	.135	12.93	12.93
10.08	537.30	120149.253	99.37	99.37	.064	15.13	15.13
12.70	1068.23	46268.656	99.63	99.63	.049	16.82	16.82
16.00	2136.06	21744.186	99.75	99.75	.046	18.39	18.39
20.20	4298.42	11337.209	99.82	.06	.048	20.03	1.63
25.40	8545.85	7267.441	99.86	.10	.062	22.15	3.75
32.00	17088.51	6395.348	99.90	.14	.110	25.91	7.51
40.30	34132.61	5406.976	99.93	.17	.186	32.26	13.86
50.80	68366.83	5116.279	99.95	.02	.352	44.27	12.01
64.00	136708.10	4651.162	99.98	.05	.640	66.13	33.86
80.60	273060.85	1627.906	99.99	.06	.448	81.42	49.16
101.60	553419.97	755.813	99.99	.06	.416	95.62	63.36
128.00	1093664.77	.000	99.99	.06	.000	95.62	63.36
161.00	2184016.90	58.139	100.00	.00	.128	99.99	4.37
203.00	4377906.30	.000	100.00	.00	.000	99.99	4.37
TOTAL		17640479.867			2.928		

22/03/74 40.0 m

CARBON	137	mg m^{-3}
NITROGEN	16.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	6.48×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	7.86×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.43×10^{-3}
MICROZOOPLANKTON	2.48×10^{-2}
FAECAL PELLETS	1.37×10^{-4}

DATE: 22/ 3/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9343283.582	50.36	50.36	.039	1.96	1.96
2.52	8.35	5057462.686	77.62	77.62	.042	4.08	4.08
3.17	16.77	1964179.104	88.21	88.21	.032	5.73	5.73
4.00	33.38	1038059.701	93.81	93.81	.034	7.47	7.47
5.04	66.76	532089.552	96.68	96.68	.035	9.26	9.26
6.35	132.90	323880.597	98.42	98.42	.043	11.44	11.44
8.00	267.01	179850.746	99.39	99.39	.048	13.85	13.85
10.08	537.30	55970.149	99.69	99.69	.030	15.36	15.36
12.70	1068.23	20149.253	99.80	99.80	.021	16.44	16.44
16.00	2136.06	10406.976	99.86	99.86	.022	17.55	17.55
20.20	4298.42	6511.627	99.89	.03	.028	18.95	1.40
25.40	8545.85	3953.488	99.91	.05	.034	20.66	3.11
32.00	17088.51	3662.790	99.93	.07	.063	23.82	6.27
40.30	34132.61	3197.674	99.95	.09	.110	29.34	11.79
50.80	68366.83	3139.534	99.97	.01	.216	40.18	10.83
64.00	136708.10	2965.116	99.98	.03	.408	60.65	31.31
80.60	273060.85	1220.930	99.99	.03	.336	77.51	48.17
101.60	553419.97	697.674	99.99	.04	.384	96.78	67.44
128.00	1093664.77	58.139	100.00	.04	.064	99.99	70.65
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		18550739.325			1.992		

22/03/74 60.0 m

CARBON	106	mg m^{-3}
NITROGEN	11.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.95×10^{-6}
FLAGELLATES	2.17×10^{-4}
DINOFLAGELLATES	8.28×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.05×10^{-3}
MICROZOOPLANKTON	2.40×10^{-3}
FAECAL PELLETS	0.0

DATE: 25/ 3/74 DEPTH: .0 M AREA: DB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11564179.104	32.25	32.25	.048	.50	.50
2.52	8.35	4491791.044	44.77	44.77	.037	.89	.89
3.17	16.77	3476865.671	54.47	54.47	.058	1.50	1.50
4.00	33.38	2329104.477	60.97	60.97	.078	2.31	2.31
5.04	66.76	1378358.208	64.81	64.81	.092	3.28	3.28
6.35	132.90	2451492.537	71.65	71.65	.328	6.70	6.70
8.00	267.01	6367164.179	89.41	89.41	1.706	24.51	24.51
10.08	537.30	2873134.328	97.42	97.42	1.540	40.57	40.57
12.70	1068.23	706279.069	99.39	99.39	.759	48.49	48.49
16.00	2136.06	141279.069	99.73	99.73	.303	51.65	51.65
20.20	4298.42	27500.000	99.86	.07	.113	52.88	1.23
25.40	8545.85	11802.325	99.89	.10	.101	53.94	2.28
32.00	17088.51	9709.302	99.92	.13	.167	55.68	4.02
40.30	34132.61	8720.930	99.95	.16	.300	58.81	7.15
50.80	68366.83	6453.488	99.96	.01	.444	63.44	4.63
64.00	136708.10	5581.395	99.98	.03	.768	71.45	12.64
80.60	273060.85	3313.953	99.99	.04	.912	80.97	22.15
101.60	553419.97	1802.325	99.99	.04	.992	91.32	32.50
128.00	1093664.77	639.534	99.99	.04	.704	98.66	39.85
161.00	2184016.90	58.139	100.00	.00	.128	99.99	1.33
203.00	4377906.30	.000	100.00	.00	.000	99.99	1.33
TOTAL		35855229.086			9.585		

25/03/74 0 m

CARBON	602	mg m^{-3}
NITROGEN	103	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.95×10^{-3}
FLAGELLATES	3.41×10^{-1}
DINOFLAGELLATES	1.97×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.66×10^{-1}
MICROZOOPLANKTON	1.59×10^{-1}
FAECAL PELLETS	0.0

DATE: 25/ 3/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10405223.880	31.56	31.56	.043	.63	.63
2.52	8.35	4126865.671	44.07	44.07	.034	1.13	1.13
3.17	16.77	3097014.925	53.47	53.47	.051	1.89	1.89
4.00	33.38	2076119.402	59.76	59.76	.069	2.91	2.91
5.04	66.76	1305970.149	63.72	63.72	.087	4.18	4.18
6.35	132.90	2484328.358	71.26	71.26	.332	9.04	9.04
8.00	267.01	6021641.791	89.52	89.52	1.612	32.59	32.59
10.08	537.30	2569402.985	97.32	97.32	1.377	52.70	52.70
12.70	1068.23	680872.093	99.38	99.38	.731	63.37	63.37
16.00	2136.06	139593.023	99.81	99.81	.300	67.75	67.75
20.20	4298.42	26337.209	99.89	.07	.113	69.40	1.65
25.40	8545.85	10988.372	99.92	.11	.094	70.78	3.02
32.00	17088.51	8430.232	99.94	.13	.145	72.89	5.14
40.30	34132.61	6860.465	99.97	.15	.236	76.34	8.58
50.80	68366.83	4360.465	99.98	.01	.300	80.72	4.38
64.00	136708.10	3197.674	99.99	.02	.440	87.14	10.80
80.60	273060.85	1686.046	99.99	.02	.464	93.92	17.58
101.60	553419.97	406.976	99.99	.02	.224	97.19	20.85
128.00	1093664.77	58.139	99.99	.02	.064	98.13	21.78
161.00	2184016.90	58.139	100.00	.00	.128	99.99	1.86
203.00	4377906.30	.000	100.00	.00	.000	99.99	1.86
TOTAL		32969416.000			6.848		

25/03/74 2.5 m

CARBON	613	mg m^{-3}
NITROGEN	107	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.36×10^{-3}
FLAGELLATES	4.96×10^{-2}
DINOFLAGELLATES	4.07×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	9.76×10^{-2}
MICROZOOPLANKTON	1.15×10^{-1}
FAECAL PELLETS	0.0

DATE: 25/ 3/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10572388.059	31.44	31.44	.044	.63	.63
2.52	8.35	4114925.373	43.68	43.68	.034	1.12	1.12
3.17	16.77	3200746.268	53.20	53.20	.053	1.88	1.88
4.00	33.38	2194776.119	59.73	59.73	.073	2.93	2.93
5.04	66.76	1332835.820	63.69	63.69	.089	4.21	4.21
6.35	132.90	2494776.119	71.11	71.11	.334	8.98	8.98
8.00	267.01	6039552.238	89.08	89.08	1.616	32.09	32.09
10.08	537.30	2793283.582	97.38	97.38	1.497	53.46	53.46
12.70	1068.23	681343.283	99.41	99.41	.730	63.89	63.89
16.00	2136.06	137441.860	99.82	99.82	.295	68.10	68.10
20.20	4298.42	23720.930	99.89	.07	.102	69.56	1.45
25.40	8545.85	11104.651	99.92	.10	.095	70.91	2.81
32.00	17088.51	7616.279	99.95	.12	.131	72.78	4.68
40.30	34132.61	6220.930	99.96	.14	.214	75.84	7.73
50.80	68366.83	5058.139	99.98	.01	.348	80.81	4.96
64.00	136708.10	3023.255	99.99	.02	.416	86.75	10.90
80.60	273060.85	1395.348	99.99	.02	.384	92.23	16.38
101.60	553419.97	523.255	99.99	.02	.288	96.34	20.50
128.00	1093664.77	232.558	100.00	.03	.256	99.99	24.15
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		33620964.074			7.004		

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25/03/74 5.0 m

CARBON	532	mg m^{-3}
NITROGEN	98.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.01×10^{-2}
FLAGELLATES	1.78×10^{-1}
DINOFLAGELLATES	3.79×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.26×10^{-1}
MICROZOOPLANKTON	1.73×10^{-2}
FAECAL PELLETS	0.0

DATE: 25/ 3/74 DEPTH: 10.0 M AREA: LB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10855223.880	33.60	33.60	.045	.58	.58
2.52	8.35	3959701.492	45.85	45.85	.033	1.01	1.01
3.17	16.77	3119402.985	55.51	55.51	.052	1.69	1.69
4.00	33.38	2058208.955	61.88	61.88	.068	2.58	2.58
5.04	66.76	1234328.358	65.70	65.70	.082	3.65	3.65
6.35	132.90	2294029.850	72.80	72.80	.307	7.64	7.64
8.00	267.01	5437313.432	89.63	89.63	1.457	26.52	26.52
10.08	537.30	2525373.134	97.45	97.45	1.353	44.06	44.06
12.70	1068.23	649253.731	99.46	99.46	.696	53.08	53.08
16.00	2136.06	109069.767	99.79	99.79	.234	56.12	56.12
20.20	4298.42	21104.651	99.86	.06	.090	57.28	1.16
25.40	8545.85	11279.069	99.89	.10	.097	58.54	2.42
32.00	17088.51	8430.232	99.92	.12	.145	60.42	4.30
40.30	34132.61	8779.069	99.95	.15	.302	64.33	8.21
50.80	68366.83	7325.581	99.97	.02	.504	70.86	6.53
64.00	136708.10	4127.906	99.98	.03	.568	78.22	13.89
80.60	273060.85	2034.883	99.99	.04	.560	85.48	21.14
101.60	553419.97	1337.209	99.99	.04	.736	95.02	30.68
128.00	1093664.77	348.837	100.00	.04	.384	99.99	35.66
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		32306673.029			7.716		

25/03/74 10.0 m

CARBON	562	mg m^{-3}
NITROGEN	106	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.08×10^{-2}
FLAGELLATES	3.61×10^{-1}
DINOFLAGELLATES	4.41×10^{-3}
SILICOFLAGELLATES	
SUBTOTAL OF PHYTOPLANKTON	3.76×10^{-1}
MICROZOOPLANKTON	3.22×10^{-2}
FAECAL PELLETS	0.0

DATE: 25/ 3/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10157462.686	38.40	38.40	.042	.57	.57
2.52	8.35	3771641.791	52.65	52.65	.031	.99	.99
3.17	16.77	2588805.970	62.44	62.44	.043	1.57	1.57
4.00	33.38	1705223.880	68.89	68.89	.057	2.34	2.34
5.04	66.76	1000000.000	72.67	72.67	.067	3.24	3.24
6.35	132.90	1655223.880	78.93	78.93	.221	6.23	6.23
8.00	267.01	3465671.641	92.03	92.03	.928	18.74	18.74
10.08	537.30	1605223.880	98.10	98.10	.860	30.32	30.32
12.70	1068.23	345522.388	99.40	99.40	.370	35.31	35.31
16.00	2136.06	77558.139	99.70	99.70	.166	37.54	37.54
20.20	4298.42	24709.302	99.79	.09	.106	38.97	1.42
25.40	8545.85	11569.767	99.83	.13	.099	40.30	2.75
32.00	17088.51	10348.837	99.87	.17	.178	42.70	5.15
40.30	34132.61	9651.162	99.91	.21	.332	47.17	9.62
50.80	68366.83	10058.139	99.95	.03	.692	56.48	9.31
64.00	136708.10	6511.627	99.97	.06	.896	68.55	21.37
80.60	273060.85	4069.767	99.99	.07	1.120	83.62	36.45
101.60	553419.97	1511.627	99.99	.08	.832	94.83	47.65
128.00	1093664.77	232.558	99.99	.08	.256	98.27	51.10
161.00	2184016.90	58.139	100.00	.00	.128	99.99	1.72
203.00	4377906.30	.000	100.00	.00	.000	99.99	1.72
TOTAL		26451055.188			7.427		

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25/03/74 15.0 m

CARBON	591	mg m^{-3}
NITROGEN	106	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.41×10^{-2}
FLAGELLATES	1.92×10^{-2}
DINOFLAGELLATES	1.88×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	5.21×10^{-2}
MICROZOOPLANKTON	1.68×10^{-1}
FAECAL PELLETS	5.16×10^{-3}

DATE: 25/ 3/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9879850.746	44.22	44.22	.041	.99	.99
2.52	8.35	3414179.104	59.50	59.50	.028	1.67	1.67
3.17	16.77	2345522.388	70.00	70.00	.039	2.62	2.62
4.00	33.38	1463432.835	76.55	76.55	.049	3.80	3.80
5.04	66.76	840298.507	80.31	80.31	.056	5.15	5.15
6.35	132.90	1329850.746	86.26	86.26	.178	9.44	9.44
8.00	267.01	1958955.223	95.03	95.03	.525	22.07	22.07
10.08	537.30	821641.791	98.71	98.71	.440	32.67	32.67
12.70	1068.23	188059.701	99.55	99.55	.201	37.52	37.52
16.00	2136.06	44011.627	99.75	99.75	.094	39.79	39.79
20.20	4298.42	18779.069	99.83	.08	.080	41.71	1.92
25.40	8545.85	10465.116	99.88	.13	.090	43.88	4.09
32.00	17088.51	7093.023	99.91	.16	.122	46.81	7.02
40.30	34132.61	7034.883	99.94	.19	.242	52.64	12.85
50.80	68366.83	6162.790	99.97	.02	.424	62.84	10.20
64.00	136708.10	2267.441	99.98	.03	.312	70.35	17.71
80.60	273060.85	1802.325	99.99	.04	.496	82.28	29.64
101.60	553419.97	988.372	99.99	.05	.544	95.37	42.73
128.00	1093664.77	174.418	100.00	.05	.192	99.99	47.35
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		22340570.113			4.155		

25/03/74 20.0 m

CARBON	274	mg m^{-3}
NITROGEN	44.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.34×10^{-3}
FLAGELLATES	1.34×10^{-2}
DINOFLAGELLATES	1.84×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.99×10^{-2}
MICROZOOPLANKTON	1.12×10^{-2}
FAECAL PELLETS	0.0

DATE: 25/ 3/74 DEPTH: 30.0 M AREA: LL

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8024626.865	40.20	40.20	.033	1.17	1.17
2.52	8.35	4946268.656	64.98	64.98	.041	2.62	2.62
3.17	16.77	2265671.641	76.33	76.33	.037	3.95	3.95
4.00	33.38	1388059.701	83.29	83.29	.046	5.58	5.58
5.04	66.76	814925.373	87.37	87.37	.054	7.49	7.49
6.35	132.90	1067164.179	92.72	92.72	.143	12.51	12.51
8.00	267.01	958208.955	97.52	97.52	.256	21.51	21.51
10.08	537.30	350000.000	99.27	99.27	.187	28.08	28.08
12.70	1068.23	70406.976	99.63	99.63	.075	30.71	30.71
16.00	2136.06	28197.674	99.77	99.77	.060	32.81	32.81
20.20	4298.42	16395.348	99.85	.08	.070	35.27	2.45
25.40	8545.85	9127.906	99.89	.12	.073	38.00	5.18
32.00	17088.51	5755.813	99.92	.15	.099	41.47	8.65
40.30	34132.61	4244.186	99.94	.17	.146	46.59	13.77
50.80	68366.83	4825.581	99.97	.02	.332	58.22	11.63
64.00	136708.10	3313.953	99.99	.04	.456	74.20	27.61
80.60	273060.85	1395.348	99.99	.04	.384	87.66	41.07
101.60	553419.97	523.255	99.99	.05	.288	97.75	51.16
128.00	1093664.77	58.139	100.00	.05	.064	99.99	53.40
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		19959169.558			2.853		

25/03/74 30.0 m

CARBON	166	mg m^{-3}
NITROGEN	21.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.38×10^{-3}
FLAGELLATES	6.67×10^{-4}
DINOFLAGELLATES	1.60×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	5.65×10^{-3}
MICROZOOPLANKTON	9.75×10^{-2}
FAECAL PELLETS	0.0

DATE: 25/ 3/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7444029.850	39.79	39.79	.031	1.10	1.10
2.52	8.35	4769402.985	65.29	65.29	.039	2.51	2.51
3.17	16.77	2136567.164	76.71	76.71	.035	3.78	3.78
4.00	33.38	1343283.582	83.89	83.89	.045	5.38	5.38
5.04	66.76	840298.507	88.38	88.38	.056	7.38	7.38
6.35	132.90	1101492.537	94.27	94.27	.147	12.62	12.62
8.00	267.01	770895.522	98.39	98.39	.206	19.95	19.95
10.08	537.30	188059.701	99.40	99.40	.100	23.53	23.53
12.70	1068.23	57462.686	99.70	99.70	.061	25.71	25.71
16.00	2136.06	19825.581	99.81	99.81	.042	27.20	27.20
20.20	4298.42	10639.534	99.87	.05	.045	28.80	1.59
25.40	8545.85	7732.558	99.91	.09	.066	31.14	3.93
32.00	17088.51	3720.930	99.93	.11	.064	33.41	6.21
40.30	34132.61	3720.930	99.95	.13	.128	37.96	10.75
50.80	68366.83	3430.232	99.97	.01	.236	46.33	8.37
64.00	136708.10	2732.558	99.98	.03	.376	59.68	21.72
80.60	273060.85	1686.046	99.99	.04	.464	76.14	38.18
101.60	553419.97	872.093	99.99	.04	.480	93.18	55.22
128.00	1093664.77	174.418	100.00	.04	.192	99.99	62.03
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		18706027.420			2.817		

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25/03/74 40.0 m

CARBON	167	mg m^{-3}
NITROGEN	17.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	9.60×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	9.64×10^{-3}
MICROZOOPLANKTON	1.77×10^{-2}
FAECAL PELLETS	3.28×10^{-3}

DATE: 25/ 3/74 DEPTH: 60.0 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10596268.656	52.84	52.84	.044	5.60	5.60
2.52	8.35	3976119.402	72.67	72.67	.033	9.82	9.82
3.17	16.77	2066417.910	82.98	82.98	.034	14.20	14.20
4.00	33.38	1321641.791	89.57	89.57	.044	19.79	19.79
5.04	66.76	766417.910	93.39	93.39	.051	26.29	26.29
6.35	132.90	696268.656	96.87	96.87	.093	38.10	38.10
8.00	267.01	404477.611	98.88	98.88	.108	51.82	51.82
10.08	537.30	141791.044	99.59	99.59	.076	61.44	61.44
12.70	1068.23	46268.656	99.82	99.82	.049	67.72	67.72
16.00	2136.06	16802.325	99.91	99.91	.036	72.27	72.27
20.20	4298.42	10000.000	99.96	.04	.043	77.72	5.44
25.40	8545.85	4186.046	99.98	.07	.036	82.27	10.00
32.00	17088.51	1511.627	99.98	.07	.026	85.56	13.29
40.30	34132.61	1569.767	99.99	.08	.054	92.40	20.12
50.80	68366.83	406.976	99.99	.00	.028	95.94	3.54
64.00	136708.10	116.279	99.99	.00	.016	97.97	5.56
80.60	273060.85	58.139	100.00	.00	.016	99.99	7.59
101.60	553419.97	.000	100.00	.00	.000	99.99	7.59
128.00	1093664.77	.000	100.00	.00	.000	99.99	7.59
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		20050322.803			.790		

25/03/74 60.0 m

CARBON	126	mg m^{-3}
NITROGEN	12.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.76×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	4.06×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	6.82×10^{-3}
MICROZOOPLANKTON	1.23×10^{-1}
FAECAL PELLETS	0.0

DATE: 28/ 3/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	6651492.537	27.21	27.21	.027	.56	.56
2.52	8.35	4508208.955	45.66	45.66	.037	1.32	1.32
3.17	16.77	2706716.417	56.74	56.74	.045	2.24	2.24
4.00	33.38	1972388.059	64.81	64.81	.066	3.58	3.58
5.04	66.76	1112686.567	69.36	69.36	.074	5.09	5.09
6.35	132.90	1211940.298	74.32	74.32	.162	8.37	8.37
8.00	267.01	3702238.805	89.47	89.47	.992	28.47	28.47
10.08	537.30	1888805.970	97.20	97.20	1.012	48.98	48.98
12.70	1068.23	493283.582	99.22	99.22	.528	59.69	59.69
16.00	2136.06	113779.069	99.69	99.69	.244	64.63	64.63
20.20	4298.42	35406.976	99.83	.14	.152	67.71	3.07
25.40	8545.85	16104.651	99.90	.21	.138	70.50	5.87
32.00	17088.51	8604.651	99.93	.24	.148	73.50	8.87
40.30	34132.61	8139.534	99.97	.27	.280	79.17	14.54
50.80	68366.83	3662.790	99.98	.01	.252	84.28	5.10
64.00	136708.10	1802.325	99.99	.02	.248	89.30	10.12
80.60	273060.85	872.093	99.99	.02	.240	94.16	14.98
101.60	553419.97	290.697	99.99	.02	.160	97.40	18.22
128.00	1093664.77	116.279	100.00	.02	.128	99.99	20.82
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		2443640.262			4.937		

28/03/74 0 m

CARBON	432	mg m^{-3}
NITROGEN	62.0	mg m^{-3}
ATP	0.267	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.09×10^{-3}
FLAGELLATES	5.45×10^{-3}
DINOFLAGELLATES	1.94×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.70×10^{-2}
MICROZOOPLANKTON	4.39×10^{-2}
FAECAL PELLETS	0.0

DATE: 28/ 3/74 DEPTH: 2.5 M AREA: DD

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	6223134.328	27.29	27.29	.026	.39	.39
2.52	8.35	4226119.402	45.83	45.83	.035	.92	.92
3.17	16.77	2475373.134	56.69	56.69	.041	1.54	1.54
4.00	33.38	1755970.149	64.39	64.39	.058	2.43	2.43
5.04	66.76	1002985.074	68.79	68.79	.067	3.44	3.44
6.35	132.90	1214925.373	74.12	74.12	.162	5.89	5.89
8.00	267.01	3587313.432	89.86	89.86	.961	20.37	20.37
10.08	537.30	1670149.253	97.19	97.19	.895	33.85	33.85
12.70	1068.23	454477.611	99.18	99.18	.487	41.18	41.18
16.00	2136.06	104825.581	99.64	99.64	.225	44.57	44.57
20.20	4298.42	29825.581	99.77	.13	.128	46.50	1.92
25.40	8545.85	14825.581	99.83	.19	.127	48.41	3.83
32.00	17088.51	10000.000	99.88	.23	.172	51.00	6.42
40.30	34132.61	10639.534	99.93	.28	.366	56.51	11.94
50.80	68366.83	6395.348	99.95	.02	.440	63.13	6.62
64.00	136708.10	5232.558	99.98	.05	.720	73.98	17.46
80.60	273060.85	2790.697	99.99	.06	.768	85.54	29.03
101.60	553419.97	1162.790	99.99	.06	.640	95.18	38.66
128.00	1093664.77	290.697	100.00	.06	.320	99.99	43.48
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		22796436.132			6.641		

28/03/74 2.5 m

CARBON	496	mg m^{-3}
NITROGEN	69.0	mg m^{-3}
ATP	0.582	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.08×10^{-2}
FLAGELLATES	8.43×10^{-3}
DINOFLAGELLATES	1.77×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	5.69×10^{-2}
MICROZOOPLANKTON	3.41×10^{-2}
FAECAL PELLETS	0.0

DATE: 28/ 3/74 DEPTH: 5.0 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7770895.522	30.22	30.22	.032	.53	.53
2.52	8.35	5259701.492	50.68	50.68	.044	1.26	1.26
3.17	16.77	3055223.880	62.57	62.57	.051	2.10	2.10
4.00	33.38	2262686.567	71.37	71.37	.075	3.35	3.35
5.04	66.76	1195522.388	76.02	76.02	.080	4.67	4.67
6.35	132.90	1223880.597	80.78	80.78	.164	7.37	7.37
8.00	267.01	3093283.582	92.81	92.81	.829	21.04	21.04
10.08	537.30	1283582.089	97.80	97.80	.688	32.39	32.39
12.70	1068.23	402238.805	99.37	99.37	.431	39.50	39.50
16.00	2136.06	94651.162	99.74	99.74	.203	42.84	42.84
20.20	4298.42	23604.651	99.83	.09	.101	44.51	1.66
25.40	8545.85	10290.697	99.87	.13	.088	45.96	3.11
32.00	17088.51	9476.744	99.90	.16	.163	48.65	5.80
40.30	34132.61	9593.023	99.94	.20	.330	54.09	11.24
50.80	68366.83	5348.837	99.96	.02	.368	60.16	6.06
64.00	136708.10	4069.767	99.98	.03	.560	69.39	15.30
80.60	273060.85	3023.255	99.99	.04	.832	83.11	29.02
101.60	553419.97	930.232	99.99	.05	.512	91.55	37.46
128.00	1093664.77	465.116	100.00	.05	.512	99.99	45.90
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		25708468.412			6.064		

28/03/74 5.0 m

CARBON	293	mg m^{-3}
NITROGEN	49.0	mg m^{-3}
ATP	0.540	mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.76×10^{-3}
FLAGELLATES	8.36×10^{-3}
DINOFLAGELLATES	1.60×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.77×10^{-2}
MICROZOOPLANKTON	8.10×10^{-3}
FAECAL PELLETS	0.0

DATE: 28/ 3/74 DEPTH: 10.0 M AREA: LB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12409701.492	34.89	34.89	.051	1.00	1.00
2.52	8.35	7823880.597	56.88	56.88	.065	2.28	2.28
3.17	16.77	4365671.641	69.16	69.16	.073	3.70	3.70
4.00	33.38	2475373.134	76.12	76.12	.082	5.29	5.29
5.04	66.76	1299253.731	79.77	79.77	.087	6.99	6.99
6.35	132.90	1565671.641	84.17	84.17	.209	11.06	11.06
8.00	267.01	3638805.970	94.40	94.40	.975	30.01	30.01
10.08	537.30	1282835.820	98.01	98.01	.687	43.37	43.37
12.70	1068.23	467164.179	99.32	99.32	.500	53.10	53.10
16.00	2136.06	138059.701	99.71	99.71	.296	58.85	58.85
20.20	4298.42	41918.604	99.83	.11	.180	62.34	3.49
25.40	8545.85	22558.139	99.89	.18	.194	66.11	7.26
32.00	17088.51	15116.279	99.94	.22	.260	71.16	12.31
40.30	34132.61	12325.581	99.97	.25	.424	79.40	20.55
50.80	68366.83	5639.534	99.99	.01	.388	86.94	7.53
64.00	136708.10	2209.302	99.99	.02	.304	92.85	13.44
80.60	273060.85	406.976	99.99	.02	.112	95.02	15.62
101.60	553419.97	.000	99.99	.02	.000	95.02	15.62
128.00	1093664.77	.000	99.99	.02	.000	95.02	15.62
161.00	2184016.90	116.279	100.00	.00	.256	99.99	4.97
203.00	4377906.30	.000	100.00	.00	.000	99.99	4.97
TOTAL		35566708.607			5.147		

28/03/74 10.0 m

CARBON	406	mg m^{-3}
NITROGEN	68.0	mg m^{-3}
ATP	0.600	mg m^{-3}

VOLUME (PPM)	
DIATOMS	5.39×10^{-2}
FLAGELLATES	1.18×10^{-2}
DINOFLAGELLATES	9.98×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.66×10^{-1}
MICROZOOPLANKTON	9.18×10^{-2}
FAECAL PELLETS	0.0

DATE: 28/ 3/74 DEPTH: 15.0 M AREA: DB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	6382835.820	27.27	27.27	.026	.44	.44
2.52	8.35	4644029.850	47.12	47.12	.038	1.09	1.09
3.17	16.77	2656716.417	58.47	58.47	.045	1.85	1.85
4.00	33.38	1791044.776	66.13	66.13	.060	2.85	2.85
5.04	66.76	994029.850	70.37	70.37	.066	3.96	3.96
6.35	132.90	1359701.492	76.18	76.18	.162	7.01	7.01
8.00	267.01	3405970.149	90.74	90.74	.912	22.26	22.26
10.08	537.30	1530597.014	97.28	97.28	.820	35.97	35.97
12.70	1068.23	457462.686	99.23	99.23	.490	44.16	44.16
16.00	2136.06	102151.162	99.67	99.67	.219	47.82	47.82
20.20	4298.42	29767.441	99.80	.12	.128	49.96	2.13
25.40	8545.85	14941.860	99.86	.19	.128	52.10	4.27
32.00	17088.51	8662.790	99.90	.22	.149	54.58	6.76
40.30	34132.61	9825.581	99.94	.27	.338	60.23	12.41
50.80	68366.83	4941.860	99.96	.02	.340	65.91	5.68
64.00	136708.10	3895.348	99.98	.03	.536	74.87	14.63
80.60	273060.85	2558.139	99.99	.04	.704	86.63	26.39
101.60	553419.97	755.813	99.99	.05	.416	93.58	33.34
128.00	1093664.77	348.837	100.00	.05	.384	99.99	39.76
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		23400236.896			5.985		

28/03/74 15.0 m

CARBON	450	mg m^{-3}
NITROGEN	77.0	mg m^{-3}
ATP	0.627	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.37×10^{-2}
FLAGELLATES	3.84×10^{-4}
DINOFLAGELLATES	8.12×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	9.53×10^{-2}
MICROZOOPLANKTON	4.65×10^{-2}
FAECAL PELLETS	0.0

DATE: 28/ 3/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7891044.776	33.74	33.74	.033	.55	.55
2.52	8.35	5395522.388	56.82	56.82	.045	1.30	1.30
3.17	16.77	2886567.164	69.16	69.16	.048	2.11	2.11
4.00	33.38	1787313.432	76.81	76.81	.059	3.11	3.11
5.04	66.76	1029104.477	81.21	81.21	.068	4.27	4.27
6.35	132.90	1126865.671	86.03	86.03	.151	6.80	6.80
8.00	267.01	1935074.626	94.30	94.30	.518	15.48	15.48
10.08	537.30	875373.134	98.05	98.05	.469	23.34	23.34
12.70	1068.23	291044.776	99.29	99.29	.312	28.57	28.57
16.00	2136.06	77965.116	99.63	99.63	.167	31.36	31.36
20.20	4298.42	30174.418	99.75	.12	.129	33.52	2.16
25.40	8545.85	15116.279	99.82	.19	.130	35.70	4.33
32.00	17088.51	11802.325	99.87	.24	.203	39.10	7.73
40.30	34132.61	11046.511	99.92	.29	.380	45.46	14.10
50.80	68366.83	7674.418	99.95	.03	.528	54.31	8.84
64.00	136708.10	5639.534	99.97	.05	.776	67.30	21.83
80.60	273060.85	3720.930	99.99	.07	1.024	84.45	38.98
101.60	553419.97	872.093	99.99	.07	.480	92.49	47.02
128.00	1093664.77	290.697	99.99	.07	.320	97.85	52.38
161.00	2184016.90	58.139	100.00	.00	.128	99.99	2.14
203.00	4377906.30	.000	100.00	.00	.000	99.99	2.14
TOTAL		23382270.912			5.970		

28/03/74 20.0 m

CARBON	424	mg m^{-3}
NITROGEN	61.0	mg m^{-3}
ATP	0.309	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.95×10^{-2}
FLAGELLATES	6.39×10^{-4}
DINOFLAGELLATES	4.04×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	8.05×10^{-2}
MICROZOOPLANKTON	2.87×10^{-2}
FAECAL PELLETS	0.0

DATE: 28/ 3/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7843283.582	59.48	59.48	.032	1.48	1.48
2.52	8.35	2479850.746	78.29	78.29	.020	2.42	2.42
3.17	16.77	1224626.865	87.58	87.58	.020	3.34	3.34
4.00	33.38	644776.119	92.47	92.47	.021	4.32	4.32
5.04	66.76	294029.850	94.70	94.70	.019	5.21	5.21
6.35	132.90	293283.582	96.93	96.93	.039	6.99	6.99
8.00	267.01	236567.164	98.72	98.72	.063	9.86	9.86
10.08	537.30	93283.582	99.43	99.43	.050	12.12	12.12
12.70	1068.23	25373.134	99.62	99.62	.027	13.35	13.35
16.00	2136.06	17164.179	99.75	99.75	.036	15.01	15.01
20.20	4298.42	9701.492	99.82	.07	.041	16.90	1.88
25.40	8545.85	5290.697	99.86	.11	.045	18.93	3.91
32.00	17088.51	4534.883	99.90	.14	.078	22.46	7.44
40.30	34132.61	4127.906	99.93	.17	.142	28.88	13.86
50.80	68366.83	3662.790	99.96	.02	.252	40.28	11.39
64.00	136708.10	2732.558	99.98	.04	.376	57.29	28.40
80.60	273060.85	1569.767	99.99	.06	.432	76.83	47.95
101.60	553419.97	465.116	99.99	.06	.256	88.41	59.53
128.00	1093664.77	232.558	100.00	.06	.256	99.99	71.11
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		13184556.576			2.210		

28/03/74 30.0 m

CARBON	179	mg m^{-3}
NITROGEN	19.0	mg m^{-3}
ATP	0.0796	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.95×10^{-3}
FLAGELLATES	2.80×10^{-4}
DINOFLAGELLATES	6.52×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	9.75×10^{-3}
MICROZOOPLANKTON	4.87×10^{-2}
FAECAL PELLETS	7.94×10^{-4}

DATE: 28/ 3/74 DEPTH: 40.0 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8207462.686	58.79	58.79	.034	2.47	2.47
2.52	8.35	2493283.582	76.65	76.65	.020	3.97	3.97
3.17	16.77	1347014.925	86.30	86.30	.022	5.59	5.59
4.00	33.38	743283.582	91.63	91.63	.024	7.39	7.39
5.04	66.76	386567.164	94.39	94.39	.025	9.25	9.25
6.35	132.90	352985.074	96.92	96.92	.047	12.67	12.67
8.00	267.01	270895.522	98.86	98.86	.072	17.90	17.90
10.08	537.30	102985.074	99.60	99.60	.055	21.38	21.88
12.70	1068.23	32835.820	99.84	99.84	.035	24.42	24.42
16.00	2136.06	11194.029	99.92	99.92	.024	26.15	26.15
20.20	4298.42	4477.611	99.95	.03	.019	27.54	1.38
25.40	8545.85	1492.537	99.96	.04	.012	28.46	2.30
32.00	17088.51	.000	99.96	.04	.000	28.46	2.30
40.30	34132.61	1511.627	99.97	.05	.052	32.21	6.05
50.80	68366.83	872.093	99.98	.00	.060	36.53	4.32
64.00	136708.10	1046.511	99.98	.01	.144	46.92	14.71
80.60	273060.85	813.953	99.99	.01	.224	63.07	30.86
101.60	553419.97	465.116	99.99	.02	.256	81.53	49.32
128.00	1093664.77	232.558	100.00	.02	.256	99.99	67.78
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		13959419.471			1.386		

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28/03/74 40.0 m

CARBON	108	mg m^{-3}
NITROGEN	14.0	mg m^{-3}
ATP	0.0824	mg m^{-3}

	VOLUME (PPM)
DIATOMS	9.24×10^{-4}
FLAGELLATES	8.68×10^{-5}
DINOFLAGELLATES	9.86×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.78×10^{-3}
MICROZOOPLANKTON	6.36×10^{-2}
FAECAL PELLETS	0.0

DATE: 28/ 3/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10206716.417	53.37	53.37	.042	1.91	1.91
2.52	8.35	3589552.238	72.14	72.14	.030	3.25	3.25
3.17	16.77	2063432.835	82.93	82.93	.034	4.80	4.80
4.00	33.38	1208208.955	89.25	89.25	.040	6.61	6.61
5.04	66.76	665671.641	92.73	92.73	.044	8.61	8.61
6.35	132.90	669402.985	96.23	96.23	.089	12.63	12.63
8.00	267.01	483582.089	98.76	98.76	.129	18.43	18.43
10.08	537.30	138059.701	99.48	99.48	.074	21.75	21.75
12.70	1068.23	41791.044	99.70	99.70	.044	23.76	23.76
16.00	2136.06	23134.328	99.82	99.82	.049	25.98	25.98
20.20	4298.42	12325.581	99.89	.06	.053	28.35	2.37
25.40	8545.85	5000.000	99.91	.09	.043	30.28	4.30
32.00	17088.51	3720.930	99.93	.11	.064	33.15	7.16
40.30	34132.61	4534.883	99.96	.13	.156	40.14	14.15
50.80	68366.83	3023.255	99.97	.01	.208	49.46	9.31
64.00	136708.10	2616.279	99.98	.02	.360	65.58	25.44
80.60	273060.85	1162.790	99.99	.03	.320	79.92	39.78
101.60	553419.97	813.953	100.00	.03	.448	99.99	59.85
128.00	1093664.77	.000	100.00	.03	.000	99.99	59.85
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		19122749.912			2.231		

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28/03/74 60.0 m

CARBON	138	mg m^{-3}
NITROGEN	18.0	mg m^{-3}
ATP	0.0524	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.82×10^{-4}
FLAGELLATES	4.38×10^{-4}
DINOFLAGELLATES	3.45×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.17×10^{-3}
MICROZOOPLANKTON	4.50×10^{-3}
FAECAL PELLETS	1.47×10^{-2}

DATE: 3/ 4/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12194029.850	33.10	33.10	.051	1.02	1.02
2.52	8.35	7798507.462	54.27	54.27	.065	2.32	2.32
3.17	16.77	5156716.417	68.27	68.27	.086	4.05	4.05
4.00	33.38	4156716.417	79.56	79.56	.139	6.84	6.84
5.04	66.76	2686567.164	86.85	86.85	.180	10.45	10.45
6.35	132.90	1477611.940	90.86	90.86	.193	14.43	14.43
8.00	267.01	1432835.820	94.75	94.75	.385	22.15	22.15
10.08	537.30	1089552.238	97.71	97.71	.587	33.94	33.94
12.70	1068.23	537313.432	99.17	99.17	.582	45.62	45.62
16.00	2136.06	223880.597	99.78	99.78	.481	55.27	55.27
20.20	4298.42	52238.805	99.92	.14	.243	60.15	4.87
25.40	8545.85	7462.686	99.94	.16	.076	61.68	6.40
32.00	17088.51	5223.880	99.95	.17	.089	63.46	8.18
40.30	34132.61	8720.930	99.98	.19	.310	69.69	14.41
50.80	68366.83	3488.372	99.99	.00	.270	75.11	5.41
64.00	136708.10	1744.186	99.99	.01	.270	80.52	10.83
80.60	273060.85	1162.790	99.99	.01	.400	88.55	18.86
101.60	553419.97	581.395	99.99	.01	.380	96.18	26.49
128.00	1093664.77	174.418	100.00	.01	.190	99.99	30.30
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		36834528.808			4.982		

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03/04/74 0 m

CARBON	340	mg m^{-3}
NITROGEN	48.0	mg m^{-3}
ATP	0.390	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.76×10^{-2}
FLAGELLATES	7.54×10^{-3}
DINOFLAGELLATES	4.91×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.15×10^{-1}
MICROZOOPLANKTON	5.63×10^{-2}
FAECAL PELLETS	0.0

DATE: 3/ 4/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	18171641.791	32.02	32.02	.076	.52	.52
2.52	8.35	7895522.388	45.94	45.94	.066	.97	.97
3.17	16.77	6955223.880	58.20	58.20	.116	1.77	1.77
4.00	33.38	4731343.283	66.53	66.53	.158	2.85	2.85
5.04	66.76	2328358.208	70.64	70.64	.156	3.92	3.92
6.35	132.90	1753731.343	73.73	73.73	.235	5.53	5.53
8.00	267.01	8022388.059	87.87	87.87	2.150	20.29	20.29
10.08	537.30	5208955.223	97.05	97.05	2.794	39.47	39.47
12.70	1068.23	1223880.597	99.21	99.21	1.312	48.48	48.48
16.00	2136.06	291044.776	99.72	99.72	.633	52.82	52.82
20.20	4298.42	59701.492	99.82	.10	.256	54.58	1.75
25.40	8545.65	22388.059	99.86	.14	.236	56.20	3.37
32.00	17088.51	18604.651	99.90	.17	.320	58.40	5.57
40.30	34132.61	22674.418	99.94	.21	.790	63.82	10.99
50.80	68366.83	15116.279	99.96	.02	1.040	70.96	7.13
64.00	136708.10	11046.511	99.98	.04	1.530	81.46	17.64
80.60	273060.85	5813.953	99.99	.05	1.720	93.27	29.44
101.60	553419.97	1162.790	99.99	.05	.860	99.17	35.35
128.00	1093664.77	116.279	100.00	.05	.120	99.99	36.17
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		56738713.987			14.568		

03/04/74 2.5 m

CARBON	633	mg m^{-3}
NITROGEN	98.0	mg m^{-3}
ATP	1.632	mg m^{-3}

	VOLUME (PPM)
DIATOMS	9.02×10^{-2}
FLAGELLATES	2.12×10^{-1}
DINOFLAGELLATES	1.14×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.16×10^{-1}
MICROZOOPLANKTON	1.17×10^{-1}
FAECAL PELLETS	0.0

DATE: 3/ 4/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	15283582.089	33.94	33.94	.064	.59	.59
2.52	8.35	8119402.985	51.97	51.97	.068	1.22	1.22
3.17	16.77	6402985.074	66.20	66.20	.107	2.20	2.20
4.00	33.38	4007462.686	75.10	75.10	.134	3.44	3.44
5.04	66.76	1783582.089	79.06	79.06	.119	4.54	4.54
6.35	132.90	1305970.149	81.96	81.96	.175	6.16	6.16
8.00	267.01	4037313.432	90.93	90.93	1.083	16.17	16.17
10.08	537.30	3231343.283	98.10	98.10	1.735	32.22	32.22
12.70	1068.23	619402.985	99.48	99.48	.668	38.39	38.39
16.00	2136.06	126865.671	99.76	99.76	.283	41.01	41.01
20.20	4298.42	29850.746	99.83	.06	.150	42.40	1.38
25.40	8545.85	16279.069	99.86	.10	.140	43.69	2.68
32.00	17088.51	15697.674	99.90	.13	.270	46.19	5.17
40.30	34132.61	14534.883	99.93	.16	.510	50.90	9.89
50.80	68366.83	12790.697	99.96	.02	.890	59.13	8.22
64.00	136708.10	9883.720	99.98	.05	1.430	72.35	21.44
80.60	273060.85	5232.558	99.99	.06	1.440	85.66	34.76
101.60	553419.97	1162.790	99.99	.06	.860	93.62	42.71
128.00	1093664.77	523.255	99.99	.06	.570	98.89	47.98
161.00	2184016.90	58.139	100.00	.00	.120	99.99	1.10
203.00	4377906.30	.000	100.00	.00	.000	99.99	1.10
TOTAL		45023923.983			10.816		

03/04/74 5.0 m

CARBON	354	mg m^{-3}
NITROGEN	33.0	mg m^{-3}
ATP	0.264	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.40×10^{-2}
FLAGELLATES	1.46×10^{-3}
DINOFLAGELLATES	4.70×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.03×10^{-1}
MICROZOOPLANKTON	7.65×10^{-2}
FAECAL PELLETS	0.0

DATE: 3/ 4/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	5947761.194	33.21	33.21			
2.52	8.35	4395522.388	57.76	57.76	.024	.62	.62
3.17	16.77	2500000.000	71.72	71.72	.036	1.56	1.56
4.00	33.38	1820895.522	81.89	81.89	.041	2.63	2.63
5.04	66.76	992537.313	87.43	87.43	.061	4.22	4.22
6.35	132.90	865671.641	92.27	92.27	.066	5.94	5.94
8.00	267.01	813432.835	96.81	96.81	.116	8.97	8.97
10.08	537.30	343283.582	98.73	98.73	.218	14.66	14.66
12.70	1068.23	111940.298	99.35	99.35	.184	19.46	19.46
16.00	2136.06	52238.805	99.65	99.65	.127	22.78	22.78
20.20	4298.42	22388.059	99.77	.12	.116	25.80	25.80
25.40	8545.85	6716.417	99.81	.16	.096	28.31	2.50
32.00	17088.51	10465.116	99.87	.22	.057	29.80	3.99
40.30	34132.61	10465.116	99.93	.27	.180	34.49	8.68
50.80	68366.83	6395.348	99.96	.03	.360	43.89	18.08
64.00	136708.10	3488.372	99.98	.05	.470	56.15	12.26
80.60	273060.85	1744.186	99.99	.06	.520	69.72	25.83
101.60	553419.97	581.395	99.99	.06	.520	83.29	39.40
128.00	1093664.77	290.697	100.00	.06	.320	91.64	47.75
161.00	2184016.90	.000	100.00	.00	.320	99.39	56.10
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		17905818.291			.000	99.99	.00
					3.832		

03/04/74 10.0 m

CARBON	365	mg m^{-3}
NITROGEN	34.0	mg m^{-3}
ATP	0.274	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.96×10^{-2}
FLAGELLATES	5.01×10^{-4}
DINOFLAGELLATES	1.22×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.23×10^{-2}
MICROZOOPLANKTON	3.15×10^{-2}
FAECAL PELLETS	2.73×10^{-3}

DATE: 3/ 4/74 DEPTH: 15.0 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8201492.537	32.74	32.74	.034	.71	.71
2.52	8.35	5574626.865	54.99	54.99	.046	1.68	1.68
3.17	16.77	3343283.582	68.34	68.34	.056	2.86	2.86
4.00	33.38	2253731.343	77.33	77.33	.075	4.44	4.44
5.04	66.76	1276119.402	82.43	82.43	.085	6.24	6.24
6.35	132.90	955223.880	86.24	86.24	.128	8.94	8.94
8.00	267.01	1828358.208	93.54	93.54	.491	19.29	19.29
10.08	537.30	1156716.417	98.16	98.16	.621	32.39	32.39
12.70	1068.23	313432.835	99.41	99.41	.340	39.56	39.56
16.00	2136.06	82089.552	99.74	99.74	.188	43.52	43.52
20.20	4298.42	22388.059	99.82	.08	.118	46.01	2.48
25.40	8545.85	12790.697	99.88	.14	.110	48.33	4.80
32.00	17088.51	9302.325	99.91	.17	.160	51.70	8.18
40.30	34132.61	10465.116	99.95	.21	.360	59.29	15.77
50.80	68366.83	5813.953	99.98	.02	.420	68.15	8.85
64.00	136706.10	2325.581	99.99	.03	.390	76.38	17.08
80.60	273060.85	1162.790	99.99	.03	.460	86.08	26.78
101.60	553419.97	523.255	99.99	.03	.280	91.98	32.68
128.00	1093664.77	348.837	100.00	.04	.380	99.99	40.70
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		25050195.243			4.742		

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03/04/74 15.0 m

CARBON	315	mg m^{-3}
NITROGEN	30.0	mg m^{-3}
ATP	0.309	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.24×10^{-2}
FLAGELLATES	5.57×10^{-4}
DINOFLAGELLATES	1.78×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.15×10^{-2}
MICROZOOPLANKTON	4.74×10^{-2}
FAECAL PELLETS	0.0

DATE: 3/ 4/74 DEPTH: 20.0 M AREA: DB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8552238.805	43.85	43.85	.035	.71	.71
2.52	8.35	5052238.805	69.76	69.76	.042	1.56	1.56
3.17	16.77	2216417.910	81.12	81.12	.037	2.31	2.31
4.00	33.38	1276119.402	87.67	87.67	.042	3.17	3.17
5.04	66.76	716417.910	91.34	91.34	.048	4.14	4.14
6.35	132.90	611940.298	94.48	94.48	.082	5.81	5.81
8.00	267.01	686567.164	98.00	98.00	.185	9.57	9.57
10.08	537.30	238805.970	99.22	99.22	.128	12.18	12.18
12.70	1068.23	59701.492	99.53	99.53	.066	13.52	13.52
16.00	2136.06	29850.746	99.68	99.68	.070	14.94	14.94
20.20	4298.42	14925.373	99.76	.07	.092	16.81	1.87
25.40	8545.85	11627.906	99.82	.13	.100	18.85	3.90
32.00	17088.51	8720.930	99.86	.18	.150	21.90	6.95
40.30	34132.61	9883.720	99.92	.23	.340	28.81	13.87
50.80	68366.83	5813.953	99.94	.02	.400	36.95	8.13
64.00	136708.10	4651.162	99.97	.05	.710	51.39	22.57
80.60	273060.85	3488.372	99.99	.07	.960	70.91	42.09
101.60	553419.97	1162.790	99.99	.07	.920	89.62	60.80
128.00	1093664.77	465.116	100.00	.07	.510	99.99	71.18
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		19501037.833			4.917		

03/04/74 20.0 m

CARBON	478	mg m^{-3}
NITROGEN	43.0	mg m^{-3}
ATP	0.0824	mg m^{-3}

	VOLUME (PPM)
DIATOMS	6.61×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	1.61×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.27×10^{-3}
MICROZOOPLANKTON	5.50×10^{-3}
FAECAL PELLETS	0.0

DATE: 3/ 4/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7037313.432	41.82	41.82	.029	1.30	1.30
2.52	8.35	4447761.194	68.26	68.26	.037	2.97	2.97
3.17	16.77	1865671.641	79.35	79.35	.031	4.37	4.37
4.00	33.38	1246268.656	86.75	86.75	.041	6.22	6.22
5.04	66.76	723880.597	91.06	91.06	.048	8.39	8.39
6.35	132.90	589552.238	94.56	94.56	.079	11.95	11.95
8.00	267.01	559701.492	97.89	97.89	.150	18.72	18.72
10.08	537.30	216417.910	99.17	99.17	.119	24.09	24.09
12.70	1068.23	67164.179	99.57	99.57	.077	27.57	27.57
16.00	2136.06	29850.746	99.75	99.75	.070	30.73	30.73
20.20	4298.42	14925.373	99.84	.08	.092	34.88	4.15
25.40	8545.85	7462.686	99.88	.13	.083	38.62	7.89
32.00	17088.51	5232.558	99.91	.16	.090	42.63	11.95
40.30	34132.61	8139.534	99.96	.21	.280	55.32	24.59
50.80	68366.83	2906.976	99.98	.01	.200	64.35	9.02
64.00	136708.10	1162.790	99.99	.02	.170	72.02	16.69
80.60	273060.85	1162.790	99.99	.03	.430	91.42	36.10
101.60	553419.97	348.837	100.00	.03	.190	99.99	44.67
128.00	1093664.77	.000	100.00	.03	.000	99.99	44.67
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		16824923.636			2.216		

03/04/74 30.0 m

CARBON	130.	mg m^{-3}
NITROGEN	22.0	mg m^{-3}
ATP	0.124	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.19×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.19×10^{-2}
MICROZOOPLANKTON	1.30×10^{-3}
FAECAL PELLETS	8.78×10^{-4}

DATE: 3/ 4/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7037313.432	41.82	41.82	.029	1.30	1.30
2.52	8.35	4447761.194	68.26	68.26	.037	2.97	2.97
3.17	16.77	1865671.641	79.35	79.35	.031	4.37	4.37
4.00	33.38	1246268.656	86.75	86.75	.041	6.22	6.22
5.04	66.76	723880.597	91.06	91.06	.048	8.39	8.39
6.35	132.90	589552.238	94.56	94.56	.079	11.95	11.95
8.00	267.01	559701.492	97.89	97.89	.150	18.72	18.72
10.08	537.30	210417.910	99.17	99.17	.119	24.09	24.09
12.70	1068.23	67164.179	99.57	99.57	.077	27.57	27.57
16.00	2136.06	29850.746	99.75	99.75	.070	30.73	30.73
20.20	4298.42	14925.373	99.84	.08	.092	34.88	4.15
25.40	8545.85	7462.686	99.88	.13	.083	38.62	7.80
32.00	17088.51	5232.558	99.91	.16	.090	42.63	11.95
40.30	34132.61	8139.534	99.96	.21	.260	55.32	24.59
50.80	68366.83	2906.976	99.98	.01	.200	64.35	9.02
64.00	136708.10	1162.790	99.99	.02	.170	72.02	16.69
80.60	273060.85	1162.790	99.99	.03	.430	91.42	36.10
101.60	553419.97	348.837	100.00	.03	.190	99.99	44.67
128.00	1093664.77	.000	100.00	.03	.000	99.99	44.67
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		16824923.636			2.216		

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03/04/74 30.0 m

CARBON	130.	mg m^{-3}
NITROGEN	22.0	mg m^{-3}
ATP	0.124	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.19×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.19×10^{-2}
MICROZOOPLANKTON	1.30×10^{-3}
FAECAL PELLETS	8.78×10^{-4}

DATE: 3/ 4/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7626865.671	43.42	43.42	.031	.72	.72
2.52	8.35	4569552.238	69.56	69.56	.038	1.60	1.60
3.17	16.77	1925373.134	80.52	80.52	.032	2.34	2.34
4.00	33.38	1238805.970	87.58	87.58	.041	3.30	3.30
5.04	66.76	716417.910	91.65	91.65	.048	4.41	4.41
6.35	132.90	582089.552	94.97	94.97	.078	6.23	6.23
8.00	267.01	552238.805	98.11	98.11	.148	9.67	9.67
10.08	537.30	186567.164	99.13	99.18	.102	12.04	12.04
12.70	1068.23	59701.492	99.52	99.52	.063	13.62	13.62
16.00	2136.06	29850.746	99.69	99.69	.065	15.13	15.13
20.20	4298.42	14925.373	99.77	.08	.070	16.76	1.62
25.40	8545.85	8139.534	99.82	.13	.070	18.39	3.25
32.00	17088.51	8139.534	99.86	.17	.140	21.64	6.51
40.30	34132.61	8139.534	99.91	.22	.290	28.38	13.25
50.80	68366.83	5813.953	99.94	.03	.400	37.68	9.30
64.00	136708.10	5232.558	99.97	.06	.760	55.35	26.97
80.60	273060.85	2906.976	99.99	.07	.880	75.81	47.43
101.60	553419.97	581.395	99.99	.08	.600	89.76	61.38
128.00	1093664.77	406.976	100.00	.08	.440	99.99	71.61
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		17561748.523			4.301		

03/04/74 40.0 m

CARBON	160	mg m^{-3}
NITROGEN	21.0	mg m^{-3}
ATP	0.0796	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.12×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	2.22×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.35×10^{-3}
MICROZOOPLANKTON	4.52×10^{-2}
FAECAL PELLETS	2.06×10^{-3}

DATE: 3/ 4/74 DEPTH: 60.0 M AREA: EE

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9552238.805	44.51	44.51	.040	2.71	2.71
2.52	8.35	5798507.462	71.54	71.54	.048	5.97	5.97
3.17	16.77	2492537.313	83.16	83.16	.041	8.75	8.75
4.00	33.38	1462686.567	89.97	89.97	.049	12.08	12.08
5.04	66.76	835820.895	93.87	93.87	.056	15.88	15.88
6.35	132.90	619402.985	96.76	96.76	.086	21.72	21.72
8.00	267.01	440298.507	98.81	98.81	.118	29.73	29.73
10.08	537.30	164179.104	99.57	99.57	.088	35.70	35.70
12.70	1068.23	52238.805	99.82	99.82	.060	39.78	39.78
16.00	2136.06	14925.373	99.89	99.89	.040	42.49	42.49
20.20	4298.42	7462.686	99.92	.03	.057	46.36	3.86
25.40	8545.85	5813.953	99.95	.06	.050	49.76	7.26
32.00	17088.51	4651.162	99.97	.08	.080	55.19	12.69
40.30	34132.61	2906.976	99.98	.09	.110	62.66	20.16
50.80	68366.83	1162.790	99.99	.00	.090	68.77	6.10
64.00	136708.10	581.395	99.99	.00	.080	74.20	11.54
80.60	273060.85	523.255	99.99	.01	.140	83.70	21.04
101.60	553419.97	174.418	99.99	.01	.120	91.85	29.19
128.00	1093664.77	116.279	100.00	.01	.120	99.99	37.33
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		21456228.739			1.473		

03/04/74 60.0 m

CARBON	432	mg m^{-3}
NITROGEN	84.0	mg m^{-3}
ATP	0.0524	mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.00×10^{-3}
FLAGELLATES	2.61×10^{-4}
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	7.26×10^{-3}
MICROZOOPLANKTON	1.71×10^{-1}
FAECAL PELLETS	2.79×10^{-3}

DATE: 17/ 4/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12358955.223	28.84	28.84	.051	.51	.51
2.52	8.35	7309701.492	45.90	45.90	.061	1.13	1.13
3.17	16.77	5840298.507	59.54	59.54	.097	2.11	2.11
4.00	33.38	4609701.492	70.30	70.30	.154	3.66	3.66
5.04	66.76	2460447.761	76.04	76.04	.164	5.31	5.31
6.35	132.90	2816417.910	82.61	82.61	.377	9.10	9.10
8.00	267.01	4320895.522	92.70	92.70	1.158	20.72	20.72
10.08	537.30	1952985.074	97.26	97.26	1.046	31.23	31.23
12.70	1068.23	723880.597	98.95	98.95	.776	39.02	39.02
16.00	2136.06	276686.046	99.59	99.59	.594	44.98	44.98
20.20	4298.42	82325.581	99.78	.19	.354	48.54	3.55
25.40	8545.85	28430.232	99.85	.25	.244	50.98	6.00
32.00	17088.51	22034.883	99.90	.30	.379	54.79	9.80
40.30	34132.61	16976.744	99.94	.34	.584	60.65	15.66
50.80	68366.83	11395.348	99.97	.02	.784	68.52	7.86
64.00	136708.10	5813.953	99.98	.04	.800	76.55	15.89
80.60	273060.85	3953.488	99.99	.04	1.088	87.47	26.81
101.60	553419.97	1104.651	99.99	.05	.608	93.57	32.92
128.00	1093664.77	232.558	99.99	.05	.256	96.14	35.49
161.00	2184016.90	174.418	100.00	.00	.384	99.99	3.85
203.00	4377906.30	.000	100.00	.00	.000	99.99	3.85
TOTAL		42842411.488			9.963		

17/04/74 0 m

CARBON	610	mg m^{-3}
NITROGEN	92.0	mg m^{-3}
ATP	0.984	mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.50×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	6.25×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.37×10^{-2}
MICROZOOPLANKTON	2.83×10^{-1}
FAECAL PELLETS	1.67×10^{-1}

DATE: 17/ 4/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9629104.477	13.89	13.89	.040	.35	.35
2.52	8.35	5964925.373	22.50	22.50	.049	.79	.79
3.17	16.77	41537313.432	32.46	32.46	.069	1.41	1.41
4.00	33.38	3311940.298	87.24	87.24	.110	2.39	2.39
5.04	66.76	2011194.029	90.15	90.15	.134	3.58	3.58
6.35	132.90	1847761.194	92.81	92.81	.247	5.76	5.76
8.00	267.01	2442537.313	96.34	96.34	.654	11.55	11.55
10.08	537.30	1467910.447	98.46	98.46	.736	18.50	18.50
12.70	1068.23	622388.059	99.36	99.36	.667	24.40	24.40
16.00	2136.06	247761.194	99.71	99.71	.531	29.09	29.09
20.20	4298.42	87732.558	99.84	.12	.377	32.42	3.33
25.40	8545.85	26976.744	99.88	.16	.232	34.47	5.38
32.00	17088.51	24825.581	99.92	.20	.427	38.25	9.15
40.30	34132.61	20232.558	99.95	.23	.696	44.40	15.30
50.80	68366.83	13662.790	99.96	.01	.940	52.70	8.30
64.00	136708.10	10988.372	99.98	.03	1.512	66.06	21.66
80.60	273060.85	6627.906	99.99	.04	1.824	82.18	37.78
101.60	553419.97	2732.558	99.99	.04	1.504	95.47	51.07
128.00	1093664.77	465.116	100.00	.04	.512	99.99	55.59
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		69277080.006			11.316		

17/04/74 2.5 m

CARBON	999	mg m^{-3}
NITROGEN	133	mg m^{-3}
ATP	0.411	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.69×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	1.06×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.75×10^{-2}
MICROZOOPLANKTON	6.00×10^{-3}
FAECAL PELLETS	0.0

DATE: 17/ 4/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11185820.895	26.97	26.97	.046	.41	.41
2.52	8.35	6410447.761	42.44	42.44	.053	.88	.88
3.17	16.77	4260447.761	52.71	52.71	.071	1.50	1.50
4.00	33.38	2516417.910	58.78	58.78	.084	2.25	2.25
5.04	66.76	1729104.477	62.95	62.95	.115	3.26	3.26
6.35	132.90	3823134.328	72.17	72.17	.512	7.77	7.77
8.00	267.01	7258208.955	89.68	89.68	1.945	24.87	24.87
10.08	537.30	3019402.985	96.96	96.96	1.618	39.10	39.10
12.70	1068.23	840298.507	98.99	98.99	.900	47.02	47.02
16.00	2136.06	234127.906	99.55	99.55	.503	51.44	51.44
20.20	4298.42	63023.255	99.70	.15	.271	53.82	2.38
25.40	8545.85	31686.046	99.78	.22	.272	56.21	4.77
32.00	17088.51	37325.581	99.87	.31	.642	61.86	10.41
40.30	34132.61	27151.162	99.94	.38	.934	70.07	18.62
50.80	68366.83	13197.674	99.97	.03	.908	78.05	7.98
64.00	136708.10	6511.627	99.98	.04	.896	85.93	15.85
80.60	273060.85	3255.813	99.99	.05	.896	93.81	23.73
101.60	553419.97	1162.790	99.99	.05	.640	99.43	29.36
128.00	1093664.77	58.139	100.00	.05	.064	99.99	29.92
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		41460783.581			11.375		

17/04/74 5.0 m

CARBON	793	mg m^{-3}
NITROGEN	130	mg m^{-3}
ATP	1.584	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.71×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	1.06×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.33×10^{-2}
MICROZOOPLANKTON	1.01×10^{-1}
FAECAL PELLETS	2.23×10^{-1}

DATE: 17/ 4/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8455970.149	32.80	32.80	.035	.40	.40
2.52	8.35	4369402.985	49.74	49.74	.036	.82	.82
3.17	16.77	3518656.716	63.39	63.39	.058	1.50	1.50
4.00	33.38	2382089.552	72.63	72.63	.079	2.42	2.42
5.04	66.76	1385820.895	78.01	78.01	.092	3.49	3.49
6.35	132.90	1678358.208	84.52	84.52	.224	6.08	6.08
8.00	267.01	2417164.179	93.90	93.90	.647	13.55	13.55
10.08	537.30	994776.119	97.75	97.75	.533	19.69	19.69
12.70	1068.23	269186.046	98.80	98.80	.289	23.02	23.02
16.00	2136.06	127325.581	99.29	99.29	.273	26.17	26.17
20.20	4298.42	58953.488	99.52	.22	.253	29.08	2.91
25.40	8545.85	40058.139	99.68	.38	.344	33.05	6.87
32.00	17088.51	35000.000	99.81	.51	.602	39.98	13.81
40.30	34132.61	25116.279	99.91	.61	.864	49.94	23.77
50.80	68366.83	10930.232	99.95	.04	.752	58.60	8.66
64.00	136708.10	5755.813	99.97	.06	.792	67.73	17.79
80.60	273060.85	2965.116	99.99	.07	.816	77.13	27.19
101.60	553419.97	1511.627	99.99	.08	.832	86.72	36.78
128.00	1093664.77	930.232	99.99	.08	1.024	98.52	48.58
161.00	2184016.90	58.139	100.00	.00	.128	99.99	1.47
203.00	4377906.30	.000	100.00	.00	.000	99.99	1.47
TOTAL		25780029.502			8.678		

17/04/74 10.0 m

CARBON	334	mg m^{-3}
NITROGEN	57.0	mg m^{-3}
ATP	0.630	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.18×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	3.18×10^{-3}
SILICOFLAGELLATES	1.06×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	5.51×10^{-2}
MICROZOOPLANKTON	2.41×10^{-2}
FAECAL PELLETS	0.0

DATE: 17/ 4/74 DEPTH: 15.0 M AREA: DB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7215671.641	29.50	29.50	.030	.32	.32
2.52	8.35	3917164.179	45.51	45.51	.032	.67	.67
3.17	16.77	2870895.522	57.25	57.25	.043	1.19	1.19
4.00	33.38	2130597.014	65.96	65.96	.071	1.96	1.96
5.04	66.76	1426119.402	71.79	71.79	.095	2.99	2.99
6.35	132.90	1884328.358	79.49	79.49	.252	5.71	5.71
8.00	267.01	3111194.029	92.21	92.21	.833	14.70	14.70
10.08	537.30	1253731.343	97.34	97.34	.672	21.95	21.95
12.70	1068.23	355223.880	98.79	98.79	.380	26.05	26.05
16.00	2136.06	131686.046	99.33	99.33	.283	29.10	29.10
20.20	4298.42	49244.186	99.53	.20	.211	31.38	2.27
25.40	8545.85	29127.906	99.65	.32	.250	34.07	4.96
32.00	17088.51	28313.953	99.77	.43	.487	39.32	10.22
40.30	34132.61	24651.162	99.87	.53	.848	43.46	19.36
50.80	68366.83	14476.744	99.93	.05	.996	59.20	10.73
64.00	136708.10	10058.139	99.97	.10	1.384	74.12	25.65
80.60	273060.85	5581.395	99.99	.12	1.536	90.68	42.21
101.60	553419.97	1337.209	99.99	.12	.736	98.62	50.15
128.00	1093664.77	116.279	100.00	.12	.128	99.99	51.53
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		24459518.395			9.275		

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17/04/74 15.0 m

CARBON	321	mg m^{-3}
NITROGEN	55.0	mg m^{-3}
ATP	1.104	mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.55×10^{-5}
FLAGELLATES	1.45×10^{-4}
DINOFLAGELLATES	3.43×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	5.63×10^{-4}
MICROZOOPLANKTON	8.44×10^{-2}
FAECAL PELLETS	5.29×10^{-2}

DATE: 17/ 4/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7150000.000	39.01	39.01	.029	.46	.46
2.52	8.35	3617910.447	58.75	58.75	.030	.94	.94
3.17	16.77	2250000.000	71.03	71.03	.037	1.53	1.53
4.00	33.38	1577611.940	79.63	79.63	.052	2.36	2.36
5.04	66.76	1014925.373	85.17	85.17	.068	3.43	3.43
6.35	132.90	1047014.925	90.88	90.88	.140	5.63	5.63
8.00	267.01	864179.104	95.60	95.60	.231	9.27	9.27
10.08	537.30	446268.656	98.04	98.04	.239	13.03	13.03
12.70	1068.23	139552.238	98.80	98.80	.149	15.38	15.38
16.00	2136.06	71641.791	99.19	99.19	.153	17.80	17.80
20.20	4298.42	44029.850	99.43	.24	.188	20.76	2.96
25.40	8545.85	36567.164	99.63	.43	.313	25.69	7.89
32.00	17088.51	25373.134	99.77	.57	.435	32.53	14.73
40.30	34132.61	21686.046	99.88	.69	.746	44.25	26.45
50.80	68366.83	9127.906	99.93	.04	.628	54.12	9.86
64.00	136708.10	6569.767	99.97	.08	.904	68.32	24.07
80.60	273060.85	3023.255	99.99	.10	.832	81.39	37.14
101.60	553419.97	1104.651	99.99	.10	.608	90.94	46.69
128.00	1093664.77	523.255	100.00	.11	.576	99.99	55.74
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		18327109.509			6.364		

17/04/74 20.0 m

CARBON	193	mg m^{-3}
NITROGEN	28.0	mg m^{-3}
ATP	0.123	mg m^{-3}

	VOLUME (PPM)
DIATOMS	6.12×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	6.12×10^{-3}
MICROZOOPLANKTON	4.59×10^{-2}
FAECAL PELLETS	0.0

DATE: 17/ 4/74 DEPTH: 30.0 M AREA: DB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
					.038	.81	.81
2.00	4.17	9188059.701	45.24	45.24	.033	1.52	1.52
2.52	8.35	4038805.970	65.13	65.13	.042	2.42	2.42
3.17	16.77	2544029.850	77.66	77.66	.050	3.48	3.48
4.00	33.38	1504477.611	85.07	85.07	.060	4.76	4.76
5.04	66.76	905970.149	89.53	89.53	.104	6.97	6.97
6.35	132.90	780597.014	93.38	93.38	.162	10.83	10.83
8.00	267.01	681343.283	96.73	96.73	.177	14.57	14.57
10.08	537.30	330597.014	98.36	98.36	.138	17.49	17.49
12.70	1068.23	129104.477	98.99	98.99	.148	20.63	20.63
16.00	2136.06	69402.985	99.34	99.34	.201	24.88	4.25
20.20	4298.42	47014.925	99.57	.23	.262	30.42	9.79
25.40	8545.85	30597.014	99.72	.38	.396	38.78	18.15
32.00	17088.51	23023.255	99.83	.49	.640	52.29	31.66
40.30	34132.61	18604.651	99.92	.58	.484	62.51	10.21
50.80	68366.83	7034.383	99.96	.03	.640	76.02	23.72
64.00	136708.10	4651.162	99.98	.05	.464	85.81	33.51
80.60	273060.85	1686.046	99.99	.06	.480	95.94	43.65
101.60	553419.97	872.093	99.99	.07	.192	99.99	47.70
128.00	1093664.77	174.418	100.00	.07	.000	99.99	.00
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00			
					4.737		
TOTAL		20306046.510					

17/04/74 30.0 m

CARBON	178	mg m^{-3}
NITROGEN	21.0	mg m^{-3}
ATP	0.103	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.09×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	6.70×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.16×10^{-2}
MICROZOOPLANKTON	4.73×10^{-2}
FAECAL PELLETS	0.0

DATE: 17/ 4/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8734328.358	48.29	48.29	.036	.83	.83
2.52	8.35	3408208.955	67.13	67.13	.028	1.49	1.49
3.17	16.77	2134328.358	78.94	78.94	.035	2.31	2.31
4.00	33.38	1500746.268	87.23	87.23	.050	3.46	3.46
5.04	66.76	783582.089	91.57	91.57	.052	4.66	4.66
6.35	132.90	606716.417	94.92	94.92	.081	6.53	6.53
8.00	267.01	459701.492	97.46	97.46	.123	9.35	9.35
10.08	537.30	225373.134	98.71	98.71	.120	12.12	12.12
12.70	1068.23	102985.074	99.28	99.28	.110	14.66	14.66
16.00	2136.06	45522.388	99.53	99.53	.097	16.90	16.90
20.20	4298.42	22441.860	99.65	.12	.096	19.10	2.20
25.40	8545.85	14418.604	99.73	.20	.124	21.94	5.04
32.00	17088.51	15813.953	99.82	.29	.272	23.18	11.28
40.30	34132.61	15290.697	99.91	.37	.526	40.25	23.35
50.80	68366.83	7965.116	99.95	.04	.548	52.82	12.57
64.00	136708.10	5058.139	99.98	.07	.696	68.79	28.54
80.60	273060.85	2151.162	99.99	.08	.592	82.38	42.12
101.60	553419.97	697.674	99.99	.08	.384	91.19	50.93
128.00	1093664.77	232.558	99.99	.08	.256	97.06	56.80
161.00	2184016.90	58.139	100.00	.00	.128	99.99	2.93
203.00	4377906.30	.000	100.00	.00	.000	99.99	2.93
TOTAL		18085620.443			4.358		

17/04/74 40.0 m

CARBON	130	mg m^{-3}
NITROGEN	18.0	mg m^{-3}
ATP	0.126	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.60×10^{-4}
FLAGELLATES	9.54×10^{-4}
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.51×10^{-3}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 17/ 4/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9985820.895	47.08	47.08	.041	2.08	2.08
2.52	8.35	4600746.268	68.77	68.77	.038	3.99	3.99
3.17	16.77	2670895.522	81.37	81.37	.044	6.22	6.22
4.00	33.38	1791044.776	89.81	89.81	.060	9.20	9.20
5.04	66.76	946268.656	94.27	94.27	.063	12.36	12.36
6.35	132.90	532835.820	96.79	96.79	.071	15.91	15.91
8.00	267.01	391044.776	98.63	98.63	.104	21.13	21.13
10.08	537.30	176119.402	99.46	99.46	.099	26.08	26.08
12.70	1068.23	59701.492	99.74	99.74	.064	29.26	29.26
16.00	2136.06	20149.253	99.84	99.84	.043	31.41	31.41
20.20	4298.42	13197.674	99.90	.06	.056	34.20	2.78
25.40	8545.85	5639.534	99.93	.08	.048	36.59	5.17
32.00	17088.51	5581.395	99.95	.11	.096	41.36	9.95
40.30	34132.61	3662.790	99.97	.13	.126	47.64	16.22
50.80	68366.83	1569.767	99.98	.00	.108	53.01	5.37
64.00	136708.10	1976.744	99.99	.01	.272	66.55	18.91
80.60	273060.85	1046.511	99.99	.02	.238	80.83	33.24
101.60	553419.97	581.395	100.00	.02	.320	96.81	49.17
128.00	1093664.77	58.139	100.00	.02	.064	99.99	52.35
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000		.00	.000		.00
TOTAL		21207940.818			2.009		

17/04.74	60.0 m	
CARBON	200	mg m^{-3}
NITROGEN	18.0	mg m^{-3}
ATP	0.184	mg m^{-3}

	VOLUME (PPM)
DIATOMS	8.70×10^{-4}
FLAGELLATES	2.30×10^{-4}
DINOFLAGELLATES	2.05×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.31×10^{-3}
MICROZOOPLANKTON	1.00×10^{-3}
FAECAL PELLETS	9.51×10^{-4}

DATE: 8/ 5/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10960447.761	50.98	50.98	.045	.59	.59
2.52	8.35	3039552.238	65.12	65.12	.025	.92	.92
3.17	16.77	1585074.626	72.50	72.50	.026	1.26	1.26
4.00	33.38	858955.223	76.49	76.49	.028	1.63	1.63
5.04	66.76	787313.432	80.15	80.15	.052	2.32	2.32
6.35	132.90	1466417.910	86.98	86.98	.196	4.86	4.86
8.00	267.01	1998507.462	96.27	96.27	.535	11.81	11.81
10.08	537.30	611940.298	99.12	99.12	.328	16.06	16.06
12.70	1068.23	89552.238	99.54	99.54	.096	17.30	17.30
16.00	2136.06	20895.522	99.63	99.63	.044	17.88	17.88
20.20	4298.42	12616.279	99.69	.05	.054	18.58	.69
25.40	8545.85	8197.674	99.73	.09	.070	19.49	1.20
32.00	17088.51	6453.488	99.76	.12	.111	20.93	3.04
40.30	34132.61	16511.627	99.84	.20	.568	28.29	10.40
50.80	68366.83	17500.000	99.92	.08	1.204	43.90	15.60
64.00	136708.10	10058.139	99.97	.12	1.384	61.84	33.54
80.60	273060.85	3720.930	99.98	.14	1.024	75.11	46.81
101.60	553419.97	1860.465	99.99	.15	1.024	88.38	60.09
128.00	1093664.77	697.674	99.99	.15	.768	98.34	70.04
161.00	2184016.90	58.139	100.00	.00	.128	99.99	1.65
203.00	4377906.30	.000	100.00	.00	.000	99.99	1.65
TOTAL		21496331.134			7.715		

08/05/74 0 m

CARBON	518	mg m^{-3}
NITROGEN	78.0	mg m^{-3}
ATP	0.564	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.03×10^{-2}
FLAGELLATES	1.15×10^{-3}
DINOFLAGELLATES	1.84×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.88×10^{-1}
MICROZOOPLANKTON	1.311
FAECAL PELLETS	0.0

DATE: 8/ 5/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9682835.820	57.28	57.28	.040	.82	.82
2.52	8.35	2337313.432	71.11	71.11	.019	1.21	1.21
3.17	16.77	1183582.089	78.11	78.11	.019	1.61	1.61
4.00	33.38	584328.358	81.57	81.57	.019	2.01	2.01
5.04	66.76	565671.641	84.92	84.92	.037	2.78	2.78
6.35	132.90	902238.805	90.26	90.26	.120	5.23	5.23
8.00	267.01	1239552.238	97.59	97.59	.332	11.97	11.97
10.08	537.30	283582.089	99.27	99.27	.152	15.06	15.06
12.70	1068.23	44776.119	99.53	99.53	.048	16.03	16.03
16.00	2136.06	22388.059	99.67	99.67	.048	17.00	17.00
20.20	4298.42	8953.488	99.72	.05	.038	17.78	.77
25.40	8545.85	6220.930	99.75	.08	.053	18.85	1.84
32.00	17088.51	7500.000	99.80	.13	.129	21.47	4.46
40.30	34132.61	12034.883	99.87	.20	.414	29.87	12.86
50.80	68366.83	10930.232	99.94	.06	.752	45.13	15.25
64.00	136708.10	5813.953	99.97	.09	.800	61.36	31.49
80.60	273060.85	2732.558	99.99	.11	.752	76.62	46.75
101.60	553419.97	1046.511	99.99	.12	.576	88.31	58.43
128.00	1093664.77	523.255	100.00	.12	.576	99.99	70.12
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		16902024.470			4.928		

08/05/74 2.5 m

CARBON	255	mg m^{-3}
NITROGEN	43.0	mg m^{-3}
ATP	0.468	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.72×10^{-1}
FLAGELLATES	0.0
DINOFLAGELLATES	5.59×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.28×10^{-1}
MICROZOOPLANKTON	2.10×10^{-1}
FAECAL PELLETS	0.0

DATE: 8/ 5/74 DEPTH: 5.0 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12310447.761	48.94	48.94	.051	.76	.76
2.52	8.35	4647014.925	67.42	67.42	.038	1.34	1.34
3.17	16.77	1972388.059	75.26	75.26	.033	1.83	1.83
4.00	33.38	1074626.865	79.53	79.53	.036	2.36	2.36
5.04	66.76	525373.134	81.62	81.62	.035	2.88	2.88
6.35	132.90	1070895.522	85.88	85.88	.143	5.01	5.01
8.00	267.01	2458955.223	95.66	95.66	.659	14.80	14.80
10.08	537.30	904477.611	99.25	99.25	.484	21.99	21.99
12.70	1068.23	91044.776	99.62	99.62	.097	23.44	23.44
16.00	2136.06	19402.985	99.69	99.69	.041	24.06	24.06
20.20	4298.42	12267.441	99.74	.04	.052	24.83	.77
25.40	8545.85	8895.348	99.78	.08	.076	25.96	1.89
32.00	17088.51	9651.162	99.82	.12	.166	28.42	4.36
40.30	34132.61	17500.000	99.88	.19	.602	37.36	13.29
50.80	68366.83	14825.581	99.94	.05	1.020	52.50	15.14
64.00	136708.10	8372.093	99.98	.09	1.152	69.60	32.23
80.60	273060.85	2674.418	99.99	.10	.736	80.52	43.16
101.60	553419.97	1337.209	99.99	.10	.736	91.45	54.08
128.00	1093664.77	406.976	99.99	.10	.448	98.10	60.73
161.00	2184016.90	58.139	100.00	.00	.128	99.99	1.89
203.00	4377906.30	.000	100.00	.00	.000	99.99	1.89
TOTAL		25150615.236			6.737		

08/05/74 5.0 m

CARBON	292	mg m^{-3}
NITROGEN	57.0	mg m^{-3}
ATP	0.548	mg m^{-3}

	VOLUME (PPM)
DIATOMS	6.95×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	3.11×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.80×10^{-1}
MICROZOOPLANKTON	5.05×10^{-1}
FAECAL PELLETS	1.32×10^{-2}

DATE: 8/ 5/74 DEPTH: 10.0 M AREA: EE

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	14270149.253	50.22	50.22	.059	1.29	1.29
2.52	8.35	6344029.850	72.55	72.55	.053	2.45	2.45
3.17	16.77	2941791.044	82.91	82.91	.049	3.52	3.52
4.00	33.38	1548507.462	88.36	88.36	.051	4.65	4.65
5.04	66.76	830597.014	91.28	91.28	.055	5.86	5.86
6.35	132.90	708955.223	93.78	93.78	.095	7.93	7.93
8.00	267.01	1036567.164	97.42	97.42	.277	13.97	13.97
10.08	537.30	586567.164	99.49	99.49	.314	20.81	20.81
12.70	1068.23	75373.134	99.75	99.75	.080	22.57	22.57
16.00	2136.06	24626.865	99.84	99.84	.052	23.72	23.72
20.20	4298.42	12686.567	99.89	.04	.054	24.90	1.18
25.40	8545.85	6716.417	99.91	.06	.057	26.16	2.43
32.00	17088.51	4593.023	99.93	.08	.079	27.88	4.15
40.30	34132.61	5755.813	99.95	.10	.198	32.19	8.46
50.80	68366.83	5174.418	99.96	.01	.356	39.93	7.74
64.00	136708.10	4709.302	99.98	.03	.648	54.03	21.64
80.60	273060.85	2325.581	99.99	.04	.640	67.96	35.77
101.60	553419.97	1046.511	99.99	.04	.576	80.50	48.31
128.00	1093664.77	465.116	99.99	.04	.512	91.64	59.45
161.00	2184016.90	174.418	100.00	.00	.384	99.99	8.35
203.00	4377906.30	.000	100.00	.00	.000	99.99	8.35
TOTAL		28410811.349			4.595		

08/05/74 10.0 m

CARBON	307	mg m^{-3}
NITROGEN	47.0	mg m^{-3}
ATP	0.123	mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.48×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	8.76×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.62×10^{-1}
MICROZOOPLANKTON	2.14×10^{-1}
FAECAL PELLETS	0.0

DATE: 8/ 5/74 DEPTH: 15.0 M AREA: EE

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8460447.761	49.90	49.90	.035	.45	.45
2.52	8.35	3312686.567	69.44	69.44	.027	.81	.81
3.17	16.77	1347014.925	77.38	77.38	.022	1.09	1.09
4.00	33.38	708955.223	81.56	81.56	.023	1.40	1.40
5.04	66.76	546268.656	84.78	84.78	.036	1.87	1.87
6.35	132.90	911194.029	90.16	90.16	.122	3.44	3.44
8.00	267.01	1265671.641	97.62	97.62	.339	7.80	7.80
10.08	537.30	266417.910	99.20	99.20	.142	9.63	9.63
12.70	1068.23	32089.552	99.38	99.38	.034	10.07	10.07
16.00	2136.06	26865.671	99.54	99.54	.057	10.81	10.81
20.20	4298.42	11940.298	99.61	.07	.051	11.47	.65
25.40	8545.85	8895.348	99.67	.12	.076	12.45	1.63
32.00	17088.51	7848.837	99.71	.16	.135	14.18	3.36
40.30	34132.61	11686.046	99.78	.23	.402	19.35	8.53
50.80	68366.83	16104.651	99.88	.09	1.108	33.59	14.23
64.00	136708.10	12093.023	99.95	.16	1.664	54.97	35.61
80.60	273060.85	5290.697	99.98	.19	1.456	73.68	54.32
101.60	553419.97	2209.302	99.99	.21	1.216	89.30	69.95
128.00	1093664.77	290.697	99.99	.21	.320	93.42	74.06
161.00	2184016.90	232.558	100.00	.00	.512	99.99	6.57
203.00	4377906.30	.000	100.00	.00	.000	99.99	6.57
TOTAL		16954203.400			7.782		

08/05/74 15.0 m

CARBON	206	mg m^{-3}
NITROGEN	32.0	mg m^{-3}
ATP	0.499	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.00×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	1.98×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.28×10^{-1}
MICROZOOPLANKTON	5.17×10^{-1}
FAECAL PELLETS	0.0

DATE: 8/ 5/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	13008208.955	53.04	53.04	.054	.85	.85
2.52	8.35	5385074.626	75.00	75.00	.045	1.56	1.56
3.17	16.77	2420149.253	84.86	84.86	.040	2.19	2.19
4.00	33.38	1247014.925	89.95	89.95	.041	2.85	2.85
5.04	66.76	747761.194	93.00	93.00	.050	3.63	3.63
6.35	132.90	645522.388	95.63	95.63	.086	4.99	4.99
8.00	267.01	658208.955	98.31	98.31	.176	7.76	7.76
10.08	537.30	222388.059	99.22	99.22	.119	9.63	9.63
12.70	1068.23	72388.059	99.52	99.52	.077	10.85	10.85
16.00	2136.06	38546.511	99.67	99.67	.032	12.14	12.14
20.20	4298.42	22325.581	99.76	.09	.096	13.65	1.50
25.40	8545.85	13023.255	99.82	.14	.112	15.41	3.26
32.00	17088.51	11918.604	99.87	.19	.205	18.63	6.48
40.30	34132.61	10406.976	99.91	.23	.358	24.25	12.10
50.80	68366.83	6627.906	99.93	.02	.456	31.41	7.16
64.00	136708.10	7325.581	99.96	.05	1.008	47.24	22.98
80.60	273060.85	4534.883	99.98	.07	1.248	66.83	42.58
101.60	553419.97	2325.581	99.99	.08	1.280	86.93	62.68
128.00	1093664.77	406.976	99.99	.08	.448	93.97	69.71
161.00	2184016.90	174.418	100.00	.00	.384	99.99	6.02
203.00	4377906.30	.000	100.00	.00	.000	99.99	6.02
TOTAL		24524332.696			6.368		

08/05/74 20.0 m

CARBON	318	mg m^{-3}
NITROGEN	39.0	mg m^{-3}
ATP	0.131	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.77×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	4.29×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.01×10^{-1}
MICROZOOPLANKTON	2.16×10^{-1}
FAECAL PELLETS	0.0

DATE: 8/ 5/74 DEPTH: 30.0 m AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	14418656.716	55.77	55.77	.060	1.40	1.40
2.52	8.35	6750000.000	81.89	81.89	.056	2.71	2.71
3.17	16.77	2433582.089	91.30	91.30	.040	3.66	3.66
4.00	33.38	920149.253	94.86	94.86	.030	4.37	4.37
5.04	66.76	545522.388	96.97	96.97	.036	5.22	5.22
6.35	132.90	302985.074	98.14	98.14	.040	6.16	6.16
8.00	267.01	237313.432	99.06	99.06	.063	7.64	7.64
10.08	537.30	120895.522	99.53	99.53	.064	9.15	9.15
12.70	1068.23	41791.044	99.69	99.69	.044	10.19	10.19
16.00	2136.06	24767.441	99.79	99.79	.053	11.42	11.42
20.20	4298.42	14069.767	99.84	.05	.060	12.82	1.39
25.40	8545.85	8720.930	99.87	.08	.075	14.56	3.13
32.00	17088.51	6976.744	99.90	.11	.120	17.35	5.92
40.30	34132.61	6976.744	99.93	.14	.240	22.93	11.50
50.80	68366.83	7151.162	99.96	.02	.492	34.36	11.43
64.00	136708.10	5639.534	99.98	.04	.776	52.40	29.47
80.60	273060.85	2558.139	99.99	.05	.704	68.76	45.83
101.60	553419.97	1395.348	99.99	.06	.768	86.61	63.68
128.00	1093664.77	290.697	99.99	.06	.320	94.05	71.11
161.00	2184016.90	116.279	100.00	.00	.256	99.99	5.94
203.00	4377906.30	.000	100.00	.00	.000	99.99	5.94
TOTAL		25849558.312			4.302		

08/05/74 30.0 m

CARBON	246	mg m^{-3}
NITROGEN	28.0	mg m^{-3}
ATP	0.117	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.06×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	2.06×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.47×10^{-2}
MICROZOOPLANKTON	3.23×10^{-2}
FAECAL PELLETS	0.0

DATE: 8/ 5/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	16273880.597	54.98	54.98	.068	1.97	1.97
2.52	8.35	7890298.507	81.64	81.64	.066	3.88	3.88
3.17	16.77	3023134.328	91.85	91.85	.050	5.35	5.35
4.00	33.38	1101492.537	95.58	95.58	.036	6.42	6.42
5.04	66.76	614925.373	97.65	97.65	.041	7.61	7.61
6.35	132.90	299253.731	98.66	98.66	.040	8.77	8.77
8.00	267.01	197014.925	99.33	99.33	.052	10.30	10.30
10.08	537.30	91044.776	99.64	99.64	.048	11.72	11.72
12.70	1068.23	40298.507	99.77	99.77	.043	12.97	12.97
16.00	2136.06	21641.791	99.85	99.85	.046	14.31	14.31
20.20	4298.42	12558.139	99.89	.04	.054	15.88	1.56
25.40	8545.85	6511.627	99.91	.06	.056	17.50	3.18
32.00	17088.51	5406.976	99.93	.08	.093	20.19	5.88
40.30	34132.61	6220.930	99.95	.10	.214	26.40	12.08
50.80	68366.83	4127.906	99.96	.01	.284	34.62	8.22
64.00	136708.10	5581.395	99.98	.03	.768	56.83	30.48
80.60	273060.85	2500.000	99.99	.04	.688	76.81	50.41
101.60	553419.97	755.813	99.99	.04	.416	88.87	62.47
128.00	1093664.77	232.558	99.99	.04	.256	96.29	69.89
161.00	2184016.90	58.139	100.00	.00	.128	99.99	3.70
203.00	4377906.30	.000	100.00	.00	.000	99.99	3.70
TOTAL		29596938.562			3.451		

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08/05/74 40.0 m

CARBON	198	mg m^{-3}
NITROGEN	17.0	mg m^{-3}
ATP	0.0428	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.43×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	1.57×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	6.00×10^{-3}
MICROZOOPLANKTON	5.80×10^{-2}
FAECAL PELLETS	0.0

DATE: 8/ 5/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	16564925.373	52.75	52.75	.069	5.54	5.54
2.52	8.35	8382835.820	79.45	79.45	.070	11.16	11.16
3.17	16.77	3367910.447	90.17	90.17	.056	15.67	15.67
4.00	33.38	1383582.089	94.58	94.58	.046	19.37	19.37
5.04	66.76	743283.582	96.94	96.94	.049	23.36	23.36
6.35	132.90	492537.313	98.51	98.51	.066	28.64	28.64
8.00	267.01	256716.417	99.33	99.33	.068	34.08	34.08
10.08	537.30	116417.910	99.70	99.70	.062	39.07	39.07
12.70	1068.23	50746.268	99.86	99.86	.054	43.42	43.42
16.00	2136.06	20149.253	99.93	99.93	.043	46.88	46.88
20.20	4298.42	7462.686	99.95	.02	.032	49.44	2.56
25.40	8545.85	6395.348	99.97	.04	.055	53.84	6.96
32.00	17088.51	2616.279	99.98	.05	.045	57.44	10.56
40.30	34132.61	2209.302	99.99	.05	.076	63.52	16.64
50.80	68366.83	1976.744	99.99	.00	.136	74.40	10.88
64.00	136708.10	348.837	99.99	.00	.048	78.24	14.72
80.60	273060.85	174.418	99.99	.00	.048	82.08	18.56
101.60	553419.97	174.418	99.99	.00	.096	89.76	26.24
128.00	1093664.77	.000	99.99	.00	.000	89.76	26.24
161.00	2184016.90	58.139	100.00	.00	.128	100.00	10.24
203.00	4377906.30	.000	100.00	.00	.000	100.00	10.24
TOTAL		31400520.651			1.250		

08/05/74 60.0 m

CARBON	142	mg m^{-3}
NITROGEN	19.0	mg m^{-3}
ATP	0.012	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.27×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	6.30×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.90×10^{-2}
MICROZOOPLANKTON	2.55×10^{-2}
FAECAL PELLETS	1.80×10^{-3}

DATE: 30/ 5/74 DEPTH: .0 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	22285074.626	35.70	35.70	.093	2.54	2.54
2.52	8.35	13514179.104	57.35	57.35	.113	5.62	5.62
3.17	16.77	7940298.507	70.08	70.08	.133	9.24	9.24
4.00	33.38	6661194.029	80.75	80.75	.223	15.31	15.31
5.04	66.76	5486567.164	89.54	89.54	.367	25.32	25.32
6.35	132.90	3799253.731	95.63	95.63	.509	39.19	39.19
8.00	267.01	1955970.149	98.76	98.76	.524	53.46	53.46
10.08	537.30	541044.776	99.63	99.63	.290	61.36	61.36
12.70	1068.23	119402.985	99.82	99.82	.128	64.85	64.85
16.00	2136.06	52238.805	99.90	99.90	.112	67.90	67.90
20.20	4298.42	32089.552	99.95	.05	.137	71.65	3.74
25.40	8545.85	12965.116	99.97	.07	.111	74.67	6.77
32.00	17088.51	6511.627	99.98	.03	.112	77.72	9.82
40.20	34132.61	2965.116	99.99	.03	.102	80.50	12.59
50.80	68366.83	1686.046	99.99	.00	.116	83.66	3.15
64.00	136708.10	872.093	99.99	.00	.120	86.92	6.42
80.60	273060.85	348.837	99.99	.00	.096	89.54	9.04
101.60	553419.97	232.558	99.99	.00	.128	93.02	12.52
128.00	1093664.77	116.279	99.99	.00	.128	96.51	16.01
161.00	2184016.90	58.139	100.00	.00	.128	99.99	3.48
203.00	4377906.30	.000	100.00	.00	.000	99.99	3.48
TOTAL		62413069.245			3.672		

30/05/74 0 m

CARBON	425	mg m^{-3}
NITROGEN	57.0	mg m^{-3}
ATP	0.234	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.32×10^{-1}
FLAGELLATES	3.77×10^{-4}
DINOFLAGELLATES	2.95×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.35×10^{-1}
MICROZOOPLANKTON	7.28×10^{-2}
FAECAL PELLETS	0.0

DATE: 30/ 5/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	21980597.014	33.29	33.29	.092	1.11	1.11
2.52	8.35	13047761.194	53.05	53.05	.109	2.44	2.44
3.17	16.77	8333582.089	65.67	65.67	.139	4.13	4.13
4.00	33.38	8119402.985	77.97	77.97	.272	7.44	7.44
5.04	66.76	5900000.000	86.91	86.91	.395	12.24	12.24
6.35	132.90	3980597.014	92.94	92.94	.533	18.72	18.72
8.00	267.01	2989552.238	97.47	97.47	.801	28.45	28.45
10.08	537.30	1351492.537	99.51	99.51	.724	37.25	37.25
12.70	1068.23	141791.044	99.73	99.73	.152	39.10	39.10
16.00	2136.06	47761.194	99.80	99.80	.102	40.34	40.34
20.20	4298.42	39552.238	99.86	.05	.169	42.40	2.06
25.40	8545.85	26860.465	99.90	.10	.231	45.21	4.86
32.00	17088.51	18372.093	99.93	.12	.316	49.05	8.70
40.30	34132.61	17732.558	99.96	.15	.610	56.46	16.11
50.80	68366.83	13837.209	99.98	.02	.952	68.02	11.56
64.00	136708.10	8197.674	99.99	.03	1.128	81.72	25.26
80.60	273060.85	1976.744	99.99	.03	.544	88.33	31.87
101.60	553419.97	348.837	99.99	.03	.192	90.67	34.20
128.00	1093664.77	581.395	99.99	.03	.640	98.44	41.98
161.00	2184016.90	58.139	100.00	.00	.128	99.99	1.55
203.00	4377906.30	.000	100.00	.00	.000	99.99	1.55
TOTAL		66020054.667			8.232		

30/05/74 2.5 m

CARBON	435	mg m^{-3}
NITROGEN	55.0	mg m^{-3}
ATP	0.315	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.83×10^{-2}
FLAGELLATES	1.95×10^{-4}
DINOFLAGELLATES	2.15×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.06×10^{-2}
MICROZOOPLANKTON	2.15×10^{-1}
FAECAL PELLETS	0.0

DATE: 30/ 5/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	22871641.791	39.92	39.92	.095	.81	.81
2.52	8.35	12969402.985	62.55	62.55	.108	1.73	1.73
3.17	16.77	6989552.238	74.75	74.75	.117	2.73	2.73
4.00	33.38	5183582.089	83.80	83.80	.173	4.20	4.20
5.04	66.76	4214925.373	91.16	91.16	.282	6.61	6.61
6.35	132.90	2530597.014	95.58	95.58	.339	9.49	9.49
8.00	267.01	1605223.380	98.38	98.38	.430	13.15	13.15
10.08	537.30	644776.119	99.50	99.50	.345	16.09	16.09
12.70	1068.23	102985.074	99.68	99.68	.110	17.03	17.03
16.00	2136.06	51492.537	99.77	99.77	.110	17.97	17.97
20.20	4298.42	27611.940	99.82	.04	.118	18.98	1.00
25.40	8545.85	20872.093	99.86	.08	.179	20.50	2.52
32.00	17088.51	17500.000	99.89	.11	.301	23.06	5.09
40.30	34132.61	21860.465	99.93	.15	.752	29.46	11.48
50.80	68366.83	16337.209	99.95	.02	1.174	39.44	9.98
64.00	136708.10	11162.790	99.97	.04	1.534	52.49	23.03
80.60	273060.85	7151.162	99.99	.06	1.968	69.23	39.77
101.60	553419.97	2965.116	99.99	.06	1.632	83.12	53.66
128.00	1093664.77	1569.767	99.99	.06	1.728	97.82	68.36
161.00	2184016.90	116.279	100.00	.00	.256	99.99	2.17
203.00	4377906.30	.000	100.00	.00	.000	99.99	2.17
TOTAL		57291325.927			11.755		

30/05/74 5.0 m

CARBON	340	mg m^{-3}
NITROGEN	51.0	mg m^{-3}
ATP	0.366	mg m^{-3}

	VOLUME (PPM)
DIATOMS	8.96×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	7.58×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	9.72×10^{-2}
MICROZOOPLANKTON	2.17×10^{-1}
FAECAL PELLETS	0.0

DATE: 30/ 5/74 DEPTH: 10.0 M AREA: EE

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	21905970.149	39.92	39.92	.091	1.79	1.79
2.52	8.35	12866656.716	63.37	63.37	.107	3.90	3.90
3.17	16.77	6773134.328	75.72	75.72	.113	6.12	6.12
4.00	33.38	5197014.925	85.19	85.19	.174	9.53	9.53
5.04	66.76	3859701.492	92.23	92.23	.258	14.60	14.60
6.35	132.90	2241791.044	96.31	96.31	.300	20.48	20.48
8.00	267.01	1327611.940	98.73	98.73	.355	27.45	27.45
10.08	537.30	438805.970	99.53	99.53	.235	32.06	32.06
12.70	1068.23	110447.761	99.73	99.73	.118	34.37	34.37
16.00	2136.06	56716.417	99.84	99.84	.121	36.76	36.76
20.20	4298.42	36567.164	99.90	.06	.156	39.83	3.07
25.40	8545.85	16627.906	99.93	.09	.143	42.63	5.87
32.00	17088.51	11569.767	99.95	.11	.199	46.53	9.76
40.30	34132.61	11220.930	99.97	.13	.386	54.09	17.32
50.80	68366.83	4767.441	99.98	.00	.328	60.51	6.42
64.00	136708.10	3139.534	99.99	.01	.432	68.97	14.88
80.60	273060.85	2034.883	99.99	.01	.560	79.94	25.85
101.60	553419.97	697.674	99.99	.01	.384	87.46	33.37
128.00	1093664.77	581.395	100.00	.02	.640	99.99	45.90
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		54867057.444			5.105		

30/05/74 10.0 m

CARBON	398	mg m^{-3}
NITROGEN	62.0	mg m^{-3}
ATP	0.276	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.54×10^{-1}
FLAGELLATES	0.0
DINOFLAGELLATES	0.0
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.54×10^{-1}
MICROZOOPLANKTON	1.59×10^{-1}
FAECAL PELLETS	0.0

DATE: 30/ 5/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	18444029.850	36.80	36.80	.077	2.18	2.18
2.52	8.35	10936567.164	58.62	58.62	.091	4.76	4.76
3.17	16.77	5991044.776	70.58	70.58	.100	7.59	7.59
4.00	33.38	5791791.044	82.13	82.13	.194	13.07	13.07
5.04	66.76	4387313.432	90.89	90.89	.293	21.37	21.37
6.35	132.90	2533582.089	95.94	95.94	.339	30.96	30.96
8.00	267.01	1401492.537	98.74	98.74	.375	41.56	41.56
10.08	537.30	444029.850	99.63	99.63	.238	48.28	48.28
12.70	1068.23	85074.626	99.80	99.80	.091	50.86	50.86
16.00	2136.06	33582.089	99.86	99.86	.072	52.89	52.89
20.20	4298.42	26104.651	99.92	.05	.112	56.06	3.16
25.40	8545.85	13720.930	99.94	.07	.118	59.39	6.49
32.00	17088.51	9651.162	99.96	.09	.166	64.07	11.18
40.30	34132.61	8837.209	99.98	.11	.304	72.66	19.76
50.80	68366.83	4767.441	99.99	.00	.328	81.92	9.26
64.00	136708.10	1976.744	99.99	.01	.272	89.60	16.94
80.60	273060.85	755.813	99.99	.01	.208	95.48	22.81
101.60	553419.97	58.139	99.99	.01	.032	96.38	23.72
128.00	1093664.77	116.279	100.00	.01	.128	99.99	27.33
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		50114495.833			3.541		

30.05.74 15.0 m

CARBON	284	mg m^{-3}
NITROGEN	47.0	mg m^{-3}
ATP	0.324	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.08×10^{-1}
FLAGELLATES	0.0
DINOFLAGELLATES	8.78×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.96×10^{-1}
MICROZOOPLANKTON	1.53×10^{-1}
FAECAL PELLETS	0.0

DATE: 30/ 5/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	16836567.164	39.96	39.96	.070	1.48	1.48
2.52	8.35	9750000.000	63.10	63.10	.081	3.19	3.19
3.17	16.77	5191791.044	75.43	75.43	.086	5.02	5.02
4.00	33.38	4644776.119	86.45	86.45	.155	8.29	8.29
5.04	66.76	3216417.910	94.09	94.09	.215	12.82	12.82
6.35	132.90	1611194.029	97.91	97.91	.215	17.36	17.36
8.00	267.01	555223.880	99.23	99.23	.148	20.49	20.49
10.08	537.30	172388.059	99.64	99.64	.092	22.43	22.43
12.70	1068.23	45522.388	99.75	99.75	.048	23.46	23.46
16.00	2136.06	29850.746	99.82	99.82	.064	24.80	24.80
20.20	4298.42	28546.511	99.89	.06	.122	27.37	2.56
25.40	8545.85	13662.790	99.92	.10	.117	29.82	5.02
32.00	17088.51	8139.534	99.94	.11	.140	32.77	7.96
40.30	34132.61	7616.279	99.96	.13	.262	38.28	13.47
50.80	68366.83	8255.813	99.98	.01	.568	50.22	11.94
64.00	136708.10	4186.046	99.99	.02	.576	62.32	24.04
80.60	273060.85	1976.744	99.99	.03	.544	73.76	35.48
101.60	553419.97	1220.930	99.99	.03	.672	87.89	49.61
128.00	1093664.77	406.976	99.99	.03	.448	97.30	59.02
161.00	2184016.90	58.139	100.00	.00	.128	99.99	2.69
203.00	4377906.30	.000	100.00	.00	.000	99.99	2.69
TOTAL		42127801.109			4.757		

30/05/74 20.0 m

CARBON	320	mg m^{-3}
NITROGEN	41.0	mg m^{-3}
ATP	0.174	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.93×10^{-1}
FLAGELLATES	2.13×10^{-4}
DINOFLAGELLATES	8.52×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.79×10^{-1}
MICROZOOPLANKTON	4.15×10^{-1}
FAECAL PELLETS	1.60×10^{-3}

DATE: 30/ 5/74 DEPTH: 30.0 M AREA: LL

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10032835.820	45.13	45.13	.042	.80	.80
2.52	8.35	5935820.895	71.84	71.84	.049	1.75	1.75
3.17	16.77	2699253.731	83.98	83.98	.045	2.62	2.62
4.00	33.38	1800000.000	92.08	92.08	.060	3.78	3.78
5.04	66.76	963432.835	96.41	96.41	.064	5.02	5.02
6.35	132.90	425373.134	98.33	98.33	.057	6.11	6.11
8.00	267.01	157462.686	99.03	99.03	.042	6.92	6.92
10.08	537.30	68656.716	99.34	99.34	.036	7.63	7.63
12.70	1068.23	44776.119	99.54	99.54	.048	8.55	8.55
16.00	2136.06	33197.674	99.69	99.69	.071	9.91	9.91
20.20	4298.42	22848.837	99.80	.10	.098	11.79	1.88
25.40	8545.85	10988.372	99.85	.15	.094	13.59	3.68
32.00	17088.51	7848.837	99.88	.18	.135	16.18	6.27
40.30	34132.61	8023.255	99.92	.22	.276	21.48	11.57
50.80	68366.63	5523.255	99.94	.02	.380	28.77	7.29
64.00	136708.10	5348.837	99.97	.04	.736	42.89	21.41
80.60	273060.85	3837.209	99.98	.06	1.056	63.15	41.67
101.60	553419.97	1976.744	99.99	.07	1.088	84.03	62.55
128.00	1093664.77	639.534	99.99	.07	.704	97.54	76.05
161.00	2184016.90	58.139	100.00	.00	.128	99.99	2.45
203.00	4377906.30	.000	100.00	.00	.000	99.99	2.45
TOTAL		22227902.637			5.211		

30/05/74 30.0 m

CARBON	156	mg m^{-3}
NITROGEN	20.0	mg m^{-3}
ATP	0.0376	mg m^{-3}

	VOLUME (PPM)
DIATOMS	9.33×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	5.69×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.03×10^{-1}
MICROZOOPLANKTON	1.14×10^{-2}
FAECAL PELLETS	8.92×10^{-4}

DATE: 30/ 5/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11008955.223	46.75	46.75	.046	.53	.53
2.52	8.35	6460447.761	74.19	74.19	.054	1.15	1.15
3.17	16.77	2723880.597	85.75	85.75	.045	1.68	1.68
4.00	33.38	1644029.850	92.74	92.74	.055	2.32	2.32
5.04	66.76	870895.522	96.43	96.43	.058	2.99	2.99
6.35	132.90	438059.701	98.29	98.29	.058	3.67	3.67
8.00	267.01	179850.746	99.06	99.06	.048	4.22	4.22
10.08	537.30	79104.477	99.39	99.39	.042	4.71	4.71
12.70	1068.23	35820.895	99.55	99.55	.038	5.16	5.16
16.00	2136.06	27093.023	99.66	99.66	.058	5.83	5.83
20.20	4298.42	18023.255	99.74	.07	.077	6.72	.88
25.40	8545.85	12558.139	99.79	.12	.108	7.97	2.13
32.00	17088.51	10406.976	99.84	.17	.179	10.04	4.20
40.30	34132.61	10000.000	99.88	.21	.344	14.01	8.18
50.80	68366.83	9069.767	99.92	.03	.624	21.22	7.21
64.00	136708.10	8023.255	99.95	.07	1.104	33.98	19.97
80.60	273060.85	5406.976	99.97	.09	1.488	51.18	37.16
101.60	553419.97	3372.093	99.99	.10	1.856	72.63	58.61
128.00	1093664.77	1453.488	99.99	.11	1.600	91.12	77.10
161.00	2184016.90	348.837	100.00	.00	.768	99.99	8.87
203.00	4377906.30	.000	100.00	.00	.000	99.99	8.87
TOTAL		23546800.589			8.652		

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30/05/74 40.0 m

CARBON	180	mg m^{-3}
NITROGEN	16.0	mg m^{-3}
ATP	0.0272	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.72×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	2.13×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.94×10^{-2}
MICROZOOPLANKTON	3.48×10^{-2}
FAECAL PELLETS	0.0

DATE: 30/ 5/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	20670149.253	52.02	52.02	.086	3.97	3.97
2.52	8.35	10468805.970	78.41	78.41	.087	8.00	8.00
3.17	16.77	4735074.626	90.33	90.33	.079	11.64	11.64
4.00	33.38	2185820.895	95.83	95.83	.073	15.00	15.00
5.04	66.76	933582.089	98.18	98.18	.062	17.87	17.87
6.35	132.90	383582.089	99.14	99.14	.051	20.22	20.22
8.00	267.01	175373.134	99.59	99.59	.047	22.38	22.38
10.08	537.30	60447.761	99.74	99.74	.032	23.87	23.87
12.70	1068.23	36567.164	99.83	99.83	.039	25.67	25.67
16.00	2136.06	16417.910	99.87	99.87	.035	27.28	27.28
20.20	4298.42	15290.697	99.91	.03	.065	30.27	2.98
25.40	8545.85	10581.395	99.94	.06	.091	34.45	7.16
32.00	17088.51	7325.581	99.96	.08	.126	40.23	12.94
40.30	34132.61	6918.604	99.97	.10	.238	51.15	23.86
50.80	68366.83	5116.279	99.99	.01	.352	67.31	16.15
64.00	136708.10	2848.837	99.99	.02	.392	85.31	34.15
80.60	273060.85	581.395	99.99	.02	.160	92.65	41.49
101.60	553419.97	290.697	100.00	.02	.160	99.99	48.84
128.00	1093664.77	.000	100.00	.02	.000	99.99	48.84
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		39734774.382			2.178		

30.05/74 60.0 m

CARBON	212	mg m^{-3}
NITROGEN	29.0	mg m^{-3}
ATP	0.030	mg m^{-3}

	VOLUME (PPM)
DIATOMS	6.85×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	7.96×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	8.64×10^{-3}
MICROZOOPLANKTON	1.02×10^{-2}
FAECAL PELLETS	3.02×10^{-3}

DATE: 5/ 6/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	18147761.194	24.63	24.63	.075	.86	.86
2.52	8.35	8189552.238	35.75	35.75	.068	1.64	1.64
3.17	16.77	5529104.477	43.26	43.26	.092	2.70	2.70
4.00	33.38	3767910.447	48.37	48.37	.126	4.14	4.14
5.04	66.76	4740298.507	54.81	54.81	.317	7.77	7.77
6.35	132.90	18553731.343	79.99	79.99	2.486	36.18	36.18
8.00	267.01	12643283.582	97.16	97.16	3.388	74.89	74.89
10.08	537.30	1755970.149	99.54	99.54	.941	85.64	85.64
12.70	1068.23	230597.014	99.85	99.85	.247	88.47	88.47
16.00	2136.06	56716.417	99.93	99.93	.121	89.86	89.86
20.20	4298.42	27611.940	99.97	.03	.118	91.21	1.35
25.40	8545.85	7462.686	99.98	.04	.064	91.94	2.08
32.00	17088.51	4477.611	99.99	.05	.076	92.82	2.96
40.30	34132.61	3139.534	99.99	.05	.108	94.05	4.19
50.80	68366.83	2209.302	99.99	.00	.152	95.79	1.73
64.00	136708.10	1279.069	99.99	.00	.176	97.80	3.74
80.60	273060.85	465.116	99.99	.00	.128	99.26	5.20
101.60	553419.97	116.279	99.99	.00	.064	99.99	5.94
128.00	1093664.77	.000	99.99	.00	.000	99.99	5.94
161.00	2184016.90	.000	99.99	.00	.000	99.99	.00
203.00	4377906.30	.000	99.99	.00	.000	99.99	.00
TOTAL		73661686.913			8.752		

05/06/74 0 m

CARBON	558	mg m^{-3}
NITROGEN	66.0	mg m^{-3}
ATP	0.624	mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.01×10^{-3}
FLAGELLATES	3.85×10^{-4}
DINOFLAGELLATES	1.61×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.35×10^{-2}
MICROZOOPLANKTON	2.07×10^{-2}
FAECAL PELLETS	0.0

DATE: 5/ 6/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	18041791.044	28.90	28.90	.075	.74	.74
2.52	8.35	8077611.940	41.83	41.83	.067	1.40	1.40
3.17	16.77	5161194.029	50.10	50.10	.086	2.25	2.25
4.00	33.38	3444029.850	55.62	55.62	.115	3.39	3.39
5.04	66.76	3761940.298	61.64	61.64	.252	5.86	5.86
6.35	132.90	12350000.000	81.43	81.43	1.654	22.14	22.14
8.00	267.01	9840298.507	97.19	97.19	2.637	48.08	48.08
10.08	537.30	1414925.373	99.46	99.46	.758	55.53	55.53
12.70	1068.23	188805.970	99.76	99.76	.202	57.52	57.52
16.00	2136.06	61940.298	99.86	99.86	.132	58.83	58.83
20.20	4298.42	24626.865	99.90	.03	.105	59.87	1.03
25.40	8545.85	22500.000	99.93	.07	.193	61.77	2.93
32.00	17088.51	9941.860	99.95	.09	.171	63.45	4.61
40.30	34132.61	9069.767	99.96	.10	.312	66.52	7.68
50.80	68366.83	6918.604	99.98	.01	.476	71.20	4.68
64.00	136708.10	7558.139	99.99	.02	1.040	81.43	14.90
80.60	273060.85	2790.697	99.99	.02	.768	88.98	22.46
101.60	553419.97	1453.488	99.99	.02	.800	96.85	30.33
128.00	1093664.77	174.418	99.99	.03	.192	98.74	32.21
161.00	2184016.90	58.139	100.00	.00	.128	99.99	1.25
203.00	4377906.30	.000	100.00	.00	.000	99.99	1.25
TOTAL		62427629.294			10.168		

05/06/74 2.5 m

CARBON	511	mg m^{-3}
NITROGEN	62.0	mg m^{-3}
ATP	1.092	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.03×10^{-2}
FLAGELLATES	4.66×10^{-4}
DINOFLAGELLATES	5.71×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.65×10^{-2}
MICROZOOPLANKTON	7.23×10^{-1}
FAECAL PELLETS	0.0

DATE: 5/ 6/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	19598507.462	32.07	32.07			
2.52	8.35	10302985.074	48.93	48.93	.082	.66	.66
3.17	16.77	5561194.029	58.03	58.03	.086	1.35	1.35
4.00	33.38	2954477.611	62.86	62.86	.093	2.11	2.11
5.04	66.76	3495522.388	68.58	68.58	.098	2.91	2.91
6.35	132.90	10988805.970	86.56	86.56	.234	4.80	4.80
8.00	267.01	6620149.253	97.40	97.40	1.472	16.70	16.70
10.08	537.30	1111940.298	99.22	99.22	1.774	31.05	31.05
12.70	1068.23	267910.447	99.66	99.66	.596	35.86	35.86
16.00	2136.06	52238.805	99.74	99.74	.287	38.19	38.19
20.20	4298.42	36976.744	99.80	.06	.112	39.09	39.09
25.40	8545.85	44011.627	99.87	.13	.159	40.38	1.28
32.00	17088.51	30290.697	99.92	.18	.378	43.43	4.34
40.30	34132.61	15930.232	99.95	.20	.521	47.64	8.55
50.80	68366.83	8720.930	99.96	.01	.548	52.07	12.98
64.00	136708.10	10348.837	99.98	.03	.600	56.92	4.85
80.60	273060.85	5116.279	99.99	.03	1.424	68.44	16.36
101.60	553419.97	2441.860	99.99	.04	1.408	79.82	27.74
128.00	1093664.77	930.232	99.99	.04	1.344	90.68	38.60
161.00	2184016.90	58.139	100.00	.00	1.024	98.96	46.88
203.00	4377906.30	.000	100.00	.00	.128	99.99	1.03
TOTAL		61108556.923			.000	99.99	1.03
					12.370		

05/06/74 5.0 m

CARBON	529	mg m^{-3}
NITROGEN	73.0	mg m^{-3}
ATP	1.620	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.08×10^{-2}
FLAGELLATES	6.10×10^{-4}
DINOFLAGELLATES	1.69×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.90×10^{-1}
MICROZOOPLANKTON	8.53×10^{-1}
FAECAL PELLETS	0.0

DATE: 5/ 6/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	17806716.417	34.95	34.95	.074	.79	.79
2.52	8.35	9956716.417	54.50	54.50	.083	1.67	1.67
3.17	16.77	5461940.298	65.23	65.23	.091	2.64	2.64
4.00	33.38	2658208.955	70.44	70.44	.089	3.59	3.59
5.04	66.76	2918656.716	76.17	76.17	.195	5.67	5.67
6.35	132.90	6852238.805	89.63	89.63	.918	15.43	15.43
8.00	267.01	3894029.850	97.27	97.27	1.043	26.52	26.52
10.08	537.30	835074.626	98.91	98.91	.447	31.27	31.27
12.70	1068.23	243283.582	99.39	99.39	.260	34.05	34.05
16.00	2136.06	82089.552	99.55	99.55	.176	35.92	35.92
20.20	4298.42	61162.790	99.67	.12	.263	38.71	2.79
25.40	8545.85	74127.906	99.82	.26	.637	45.48	9.56
32.00	17088.51	55639.534	99.93	.37	.957	55.65	19.73
40.30	34132.61	16279.069	99.96	.40	.560	61.61	25.68
50.80	68366.83	8546.511	99.97	.01	.588	67.86	6.24
64.00	136708.10	6046.511	99.99	.02	.832	76.70	15.09
80.60	273060.85	2965.116	99.99	.03	.816	85.37	23.76
101.60	553419.97	1337.209	99.99	.03	.736	93.19	31.58
128.00	1093667.77	232.558	99.99	.03	.256	95.91	34.30
161.00	2184016.90	174.418	100.00	.00	.384	99.99	4.08
203.00	4377906.30	.000	100.00	.00	.000	99.99	4.08
TOTAL		50935466.850			9.408		

05.06.74 10.0 m

CARBON	540.	mg m^{-3}
NITROGEN	75.0	mg m^{-3}
ATP	2.208	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.47×10^{-3}
FLAGELLATES	4.60×10^{-5}
DINOFLAGELLATES	8.41×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.40×10^{-2}
MICROZOOPLANKTON	4.97×10^{-2}
FAECAL PELLETS	0.0

DATE: 5/ 6/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	16323134.328	35.75	35.75	.068	.80	.80
2.52	8.35	8300000.000	53.93	53.93	.069	1.63	1.63
3.17	16.77	4726119.402	64.29	64.29	.079	2.56	2.56
4.00	33.38	2552238.805	69.88	69.88	.085	3.57	3.57
5.04	66.76	2350746.268	75.03	75.03	.157	5.44	5.44
6.35	132.90	5797014.925	87.73	87.73	.776	14.63	14.63
8.00	267.01	4332835.820	97.22	97.22	1.161	28.37	28.37
10.08	537.30	876119.402	99.14	99.14	.469	33.92	33.92
12.70	1068.23	167164.179	99.50	99.50	.179	36.04	36.04
16.00	2136.06	70116.279	99.66	99.66	.150	37.82	37.82
20.20	4298.42	47616.279	99.76	.10	.204	40.23	2.41
25.40	8545.85	44069.767	99.86	.20	.379	44.72	6.89
32.00	17088.51	26046.511	99.91	.25	.448	50.02	12.19
40.30	34132.61	17441.860	99.95	.29	.600	57.12	19.29
50.80	68366.83	8604.651	99.97	.01	.592	64.12	7.00
64.00	136708.10	6569.767	99.99	.03	.904	74.82	17.70
80.60	273060.85	2151.162	99.99	.03	.592	81.82	24.70
101.60	553419.97	1744.186	99.99	.04	.960	93.18	36.06
128.00	1093664.77	406.976	99.99	.04	.448	98.48	41.36
161.00	2184016.90	58.139	100.00	.00	.128	99.99	1.51
203.00	4377906.30	.000	100.00	.00	.000	99.99	1.51
TOTAL		45650198.714			8.451		

05/06/74 15.0 m

CARBON	425	mg m^{-3}
NITROGEN	61.0	mg m^{-3}
ATP	0.210	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.01×10^{-2}
FLAGELLATES	1.01×10^{-3}
DINOFLAGELLATES	2.02×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.58×10^{-1}
MICROZOOPLANKTON	5.16×10^{-1}
FAECAL PELLETS	1.70×10^{-3}

DATE: 5/ 6/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11402985.074	47.52	47.52	.047	2.03	2.03
2.52	8.35	5411194.029	70.08	70.08	.045	3.97	3.97
3.17	16.77	2629104.477	81.04	81.04	.044	5.85	5.85
4.00	33.38	1420895.522	86.96	86.96	.047	7.89	7.89
5.04	66.76	971641.791	91.01	91.01	.065	10.67	10.67
6.35	132.90	1140298.507	95.76	95.76	.152	17.20	17.20
8.00	267.01	664925.373	98.53	98.53	.178	24.82	24.82
10.08	537.30	168656.716	99.24	99.24	.090	28.69	28.69
12.70	1068.23	83582.089	99.58	99.58	.089	32.52	32.52
16.00	2136.06	32835.820	99.72	99.72	.070	35.53	35.53
20.20	4298.42	25373.134	99.83	.10	.108	40.18	4.65
25.40	8545.85	18081.395	99.90	.18	.155	46.81	11.27
32.00	17088.51	9651.162	99.94	.22	.166	53.90	18.37
40.30	34132.61	5639.534	99.97	.24	.194	62.20	26.67
50.80	68366.83	4825.581	99.99	.02	.332	76.39	14.19
64.00	136708.10	1453.488	99.99	.02	.200	84.95	22.74
80.60	273060.85	581.395	99.99	.02	.160	91.79	29.58
101.60	553419.97	232.558	99.99	.02	.128	97.26	35.05
128.00	1093664.77	58.139	100.00	.02	.064	99.99	37.79
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		23992015.792			2.338		

05/06/74 20.0 m

CARBON	220	mg m^{-3}
NITROGEN	26.0	mg m^{-3}
ATP	0.159	mg m^{-3}

	VOLUME (PPM)
DIATOMS	6.71×10^{-3}
FLAGELLATES	3.09×10^{-5}
DINOFLAGELLATES	1.81×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.48×10^{-2}
MICROZOOPLANKTON	1.05×10^{-1}
FAECAL PELLETS	1.72×10^{-4}

DATE: 5/ 6/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10261940.298	50.17	50.17	.042	1.03	1.03
2.52	8.35	5012686.567	74.68	74.68	.041	2.05	2.05
3.17	16.77	2293283.582	85.90	85.90	.038	2.98	2.98
4.00	33.38	1266417.910	92.09	92.09	.042	4.00	4.00
5.04	66.76	745522.388	95.73	95.73	.049	5.21	5.21
6.35	132.90	427611.940	97.82	97.82	.057	6.60	6.60
8.00	267.01	225373.134	98.93	98.93	.060	8.06	8.06
10.08	537.30	92537.313	99.38	99.38	.049	9.26	9.26
12.70	1068.23	47014.925	99.61	99.61	.050	10.48	10.48
16.00	2136.06	25697.674	99.73	99.73	.055	11.81	11.81
20.20	4298.42	15697.674	99.81	.07	.067	13.43	1.62
25.40	8545.85	11104.651	99.87	.13	.095	15.73	3.92
32.00	17088.51	6046.511	99.90	.16	.104	18.25	6.43
40.30	34132.61	6220.930	99.93	.19	.214	23.43	11.61
50.80	68366.83	5174.418	99.95	.02	.356	32.04	8.61
64.00	136708.10	3779.069	99.97	.04	.520	44.62	21.19
80.60	273060.85	3081.395	99.98	.05	.688	61.27	37.84
101.60	553419.97	1395.348	99.99	.06	.768	79.86	56.43
128.00	1093664.77	639.534	99.99	.06	.704	96.90	73.47
161.00	2184016.90	58.139	100.00	.00	.128	99.99	3.09
203.00	4377906.30	.000	100.00	.00	.000	99.99	3.09
TOTAL		20451283.407			4.132		

05/06/74 30 m

CARBON	147	mg m^{-3}
NITROGEN	18.0	mg m^{-3}
ATP	0.120	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.33×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	2.44×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.76×10^{-2}
MICROZOOPLANKTON	1.29×10^{-1}
FAECAL PELLETS	1.97×10^{-4}

DATE: 5/ 6/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12097014.925	53.14	53.14	.050	.90	.90
2.52	8.35	5152985.074	75.78	75.78	.043	1.67	1.67
3.17	16.77	2384328.358	86.26	86.26	.039	2.38	2.38
4.00	33.38	1550746.268	93.07	93.07	.051	3.31	3.31
5.04	66.76	766417.910	96.44	96.44	.051	4.23	4.23
6.35	132.90	406716.417	98.22	98.22	.054	5.20	5.20
8.00	267.01	208208.955	99.14	99.14	.055	6.20	6.20
10.08	537.30	70895.522	99.45	99.45	.038	6.88	6.88
12.70	1068.23	47014.925	99.66	99.66	.050	7.78	7.78
16.00	2136.06	22388.059	99.75	99.75	.048	8.64	8.64
20.20	4298.42	11511.627	99.81	.05	.049	9.52	.87
25.40	8545.85	9244.186	99.85	.09	.079	10.93	2.28
32.00	17088.51	6744.186	99.88	.12	.116	13.01	4.36
40.30	34132.61	6860.465	99.91	.15	.236	17.23	8.58
50.80	68366.83	7034.883	99.94	.03	.484	25.88	8.65
64.00	136708.10	5813.953	99.96	.05	.800	40.19	22.96
80.60	273060.85	4360.465	99.98	.07	1.200	61.65	44.42
101.60	553419.97	2383.720	99.99	.08	1.312	85.12	67.88
128.00	1093664.77	639.534	99.99	.08	.704	97.71	80.47
161.00	2184016.90	58.139	100.00	.00	.128	99.99	2.28
203.00	4377906.30	.000	100.00	.00	.000	99.99	2.28
TOTAL		22761367.579			5.591		

05/06/74 40.0 m

CARBON	156	mg m^{-3}
NITROGEN	19.0	mg m^{-3}
ATP	0.120	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.26×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	8.34×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.10×10^{-2}
MICROZOOPLANKTON	2.84×10^{-2}
FAECAL PELLETS	2.93×10^{-3}

DATE: 5/ 6/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	17372388.059	51.12	51.12	.072	1.65	1.65
2.52	8.35	8447014.925	75.98	75.98	.070	3.26	3.26
3.17	16.77	4243283.582	88.47	88.47	.071	4.87	4.87
4.00	33.38	2168656.716	94.85	94.85	.072	6.53	6.53
5.04	66.76	936567.164	97.61	97.61	.062	7.95	7.95
6.35	132.90	430597.014	98.88	98.88	.057	9.27	9.27
8.00	267.01	198507.462	99.46	99.46	.053	10.48	10.48
10.08	537.30	76865.671	99.69	99.69	.041	11.42	11.42
12.70	1068.23	41791.044	99.81	99.81	.044	12.44	12.44
16.00	2136.06	14925.373	99.85	99.85	.032	13.16	13.16
20.20	4298.42	13255.813	99.89	.03	.057	14.46	1.29
25.40	8545.85	8197.674	99.92	.06	.050	15.60	2.43
32.00	17088.51	7325.581	99.94	.08	.126	18.47	5.30
40.30	34132.61	6569.767	99.96	.10	.226	23.61	10.44
50.80	68366.83	4476.744	99.97	.01	.308	30.62	7.01
64.00	136708.10	3430.232	99.98	.02	.472	41.36	17.75
80.60	273060.85	2500.000	99.99	.03	.688	57.02	33.41
101.60	553419.97	988.372	99.99	.03	.544	69.41	45.79
128.00	1093664.77	755.813	99.99	.03	.832	88.34	64.73
161.00	2184016.90	232.558	100.00	.00	.512	99.99	11.65
203.00	4377906.30	.000	100.00	.00	.000	99.99	11.65
TOTAL		33978329.572			4.393		

05/06/74 60.0 m

CARBON	122	mg m^{-3}
NITROGEN	35.0	mg m^{-3}
ATP	0.0226	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.43×10^{-3}
FLAGELLATES	4.41×10^{-4}
DINOFLAGELLATES	9.18×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.21×10^{-2}
MICROZOOPLANKTON	3.00×10^{-4}
FAECAL PELLETS	0.0

DATE: 19/ 6/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	13941791.044	38.80	38.80	.058	1.76	1.76
2.52	8.35	5588805.970	54.36	54.36	.046	3.17	3.17
3.17	16.77	3411940.298	63.86	63.86	.057	4.90	4.90
4.00	33.38	2920895.522	71.99	71.99	.097	7.86	7.86
5.04	66.76	3244029.850	81.02	81.02	.217	14.43	14.43
6.35	132.90	2816417.910	88.86	88.86	.377	25.85	25.85
8.00	267.01	2802985.074	96.66	96.66	.751	48.58	48.58
10.08	537.30	902238.805	99.17	99.17	.483	63.21	63.21
12.70	1068.23	175373.134	99.66	99.66	.188	68.90	68.90
16.00	2136.06	67164.179	99.85	99.85	.144	73.25	73.25
20.20	4298.42	24767.441	99.92	.06	.106	76.46	3.20
25.40	8545.85	13372.093	99.95	.10	.115	79.94	6.68
32.00	17088.51	7383.720	99.97	.12	.127	83.78	10.52
40.30	34132.61	4767.441	99.99	.13	.164	88.74	15.48
50.80	68366.83	1918.604	99.99	.00	.132	92.73	3.99
64.00	136708.10	930.232	99.99	.00	.128	96.61	7.86
80.60	273060.85	174.418	99.99	.00	.048	98.06	9.31
101.60	553419.97	.000	99.99	.00	.000	98.06	9.31
128.00	1093664.77	58.139	100.00	.00	.064	99.99	11.25
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		35925013.883			3.305		

19/06/74 0 m

CARBON	268	mg m^{-3}
NITROGEN	43.0	mg m^{-3}
ATP	0.948	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.54×10^{-2}
FLAGELLATES	3.40×10^{-3}
DINOFLAGELLATES	6.76×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	8.63×10^{-2}
MICROZOOPLANKTON	3.93×10^{-1}
FAECAL PELLETS	0.0

DATE: 19/ 6/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	19742537.313	46.87	46.87	.082	2.41	2.41
2.52	8.35	8187313.432	66.31	66.31	.068	4.42	4.42
3.17	16.77	4345522.388	76.62	76.62	.072	6.55	6.55
4.00	33.38	2219402.985	81.89	81.89	.074	8.72	8.72
5.04	66.76	1776865.671	86.11	86.11	.119	12.20	12.20
6.35	132.90	2485820.895	92.01	92.01	.333	21.95	21.95
8.00	267.01	2538805.970	98.04	98.04	.680	41.87	41.87
10.08	537.30	641044.776	99.56	99.56	.343	51.92	51.92
12.70	1068.23	118656.716	99.85	99.85	.127	55.65	55.65
16.00	2136.06	27611.940	99.91	99.91	.059	57.38	57.38
20.20	4298.42	12151.162	99.94	.02	.052	58.90	1.52
25.40	8545.85	8081.395	99.96	.04	.069	60.92	3.54
32.00	17088.51	4360.465	99.97	.05	.075	63.12	5.73
40.30	34132.61	4651.162	99.98	.06	.160	67.80	10.41
50.80	68366.83	2848.837	99.99	.00	.196	73.54	5.73
64.00	136708.10	1569.767	99.99	.01	.216	79.86	12.05
80.60	273060.85	988.372	99.99	.01	.272	87.82	20.01
101.60	553419.97	290.697	99.99	.01	.160	92.50	24.70
128.00	1093664.77	232.558	100.00	.01	.256	99.99	32.19
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		42118756.507			3.416		

19/06/74 2.5 m

CARBON	257	mg m^{-3}
NITROGEN	36.0	mg m^{-3}
ATP	0.921	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.93×10^{-4}
FLAGELLATES	6.05×10^{-4}
DINOFLAGELLATES	2.25×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.34×10^{-2}
MICROZOOPLANKTON	2.21×10^{-1}
FAECAL PELLETS	0.0

DATE: 19/ 6/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	22099253.731	44.37	44.37	.092	1.71	1.71
2.52	8.35	10492537.313	65.44	65.44	.087	3.34	3.34
3.17	16.77	6554477.611	78.60	78.60	.109	5.38	5.38
4.00	33.38	4335074.626	87.31	87.31	.145	8.07	8.07
5.04	66.76	3014925.373	93.36	93.36	.202	11.82	11.82
6.35	132.90	1857462.686	97.09	97.09	.248	16.44	16.44
8.00	267.01	991044.776	99.08	99.08	.265	21.37	21.37
10.08	537.30	288059.701	99.66	99.66	.154	24.24	24.24
12.70	1068.23	85074.626	99.83	99.83	.091	25.93	25.93
16.00	2136.06	29104.477	99.89	99.89	.062	27.09	27.09
20.20	4298.42	7462.686	99.91	.01	.032	27.69	.59
25.40	8545.85	8208.955	99.92	.03	.070	28.99	1.90
32.00	17088.51	6918.604	99.94	.04	.119	31.20	4.10
40.30	34132.61	9127.906	99.95	.06	.314	37.03	9.93
50.80	68366.83	8372.093	99.97	.01	.576	47.72	10.69
64.00	136708.10	7325.581	99.99	.03	1.008	66.43	29.40
80.60	273060.85	3313.953	99.99	.03	.912	83.36	46.33
101.60	553419.97	1279.069	99.99	.04	.704	96.43	59.40
128.00	1093664.77	174.418	100.00	.04	.192	99.99	62.96
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		49799198.194			5.387		

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19.06/74 5.0 m

CARBON	308	mg m^{-3}
NITROGEN	49.0	mg m^{-3}
ATP	0.999	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.11×10^{-2}
FLAGELLATES	6.00×10^{-4}
DINOFLAGELLATES	1.13×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.30×10^{-2}
MICROZOOPLANKTON	6.54×10^{-2}
FAECAL PELLETS	0.0

DATE: 19/ 6/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	18491044.776	50.49	50.49	.077	3.15	3.15
2.52	8.35	6794029.850	69.04	69.04	.056	5.48	5.48
3.17	16.77	4690298.507	81.85	81.85	.078	8.68	8.68
4.00	33.38	3088059.701	90.28	90.28	.103	12.90	12.90
5.04	66.76	1629104.477	94.73	94.73	.109	17.35	17.35
6.35	132.90	932835.820	97.27	97.27	.125	22.46	22.46
8.00	267.01	595522.388	98.90	98.90	.159	28.97	28.97
10.08	537.30	217910.447	99.49	99.49	.116	33.74	33.74
12.70	1068.23	88059.701	99.74	99.74	.094	37.59	37.59
16.00	2136.06	47014.925	99.86	99.86	.100	41.71	41.71
20.20	4298.42	20406.976	99.92	.05	.087	45.26	3.55
25.40	8545.85	11860.465	99.95	.08	.102	49.42	7.71
32.00	17088.51	6686.046	99.97	.10	.155	55.75	14.04
40.30	34132.61	4302.325	99.98	.11	.148	61.79	20.08
50.80	68366.83	2558.139	99.99	.00	.176	68.97	7.18
64.00	136708.10	1220.930	99.99	.01	.168	75.83	14.04
80.60	273060.85	523.255	99.99	.01	.144	81.71	19.91
101.60	553419.97	348.837	99.99	.01	.192	89.55	27.75
128.00	1093664.77	232.558	100.00	.01	.256	99.99	38.20
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		36622020.131			2.449		

19/06/74 10.0 m

CARBON	368	mg m^{-3}
NITROGEN	54.0	mg m^{-3}
ATP	2.229	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.05×10^{-3}
FLAGELLATES	1.23×10^{-3}
DINOFLAGELLATES	9.51×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	9.84×10^{-2}
MICROZOOPLANKTON	3.80×10^{-1}
FAECAL PELLETS	6.71×10^{-4}

DATE: 19/ 6/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12405223.880	47.56	47.56	.051	1.10	1.10
2.52	8.35	4507462.686	64.85	64.85	.037	1.91	1.91
3.17	16.77	2467910.447	74.31	74.31	.041	2.79	2.79
4.00	33.38	2260447.761	82.98	82.93	.075	4.40	4.40
5.04	66.76	1578358.208	89.03	89.03	.105	6.66	6.66
6.35	132.90	1071641.791	93.14	93.14	.143	9.72	9.72
8.00	267.01	1255223.880	97.95	97.95	.336	16.90	16.90
10.08	537.30	340298.507	99.26	99.26	.182	20.79	20.79
12.70	1068.23	72388.059	99.53	99.53	.077	22.45	22.45
16.00	2136.06	36567.164	99.67	99.67	.078	24.12	24.12
20.20	4298.42	17558.139	99.74	.06	.075	25.72	1.60
25.40	8545.85	11976.744	99.79	.11	.103	27.92	3.79
32.00	17088.51	12209.302	99.83	.16	.210	32.40	8.27
40.30	34132.61	23837.209	99.92	.25	.820	49.90	25.77
50.80	68366.83	12965.116	99.97	.04	.892	68.93	19.03
64.00	136708.10	3604.651	99.99	.06	.496	79.51	29.61
80.60	273060.85	930.232	99.99	.06	.256	84.97	35.07
101.60	553419.97	465.116	99.99	.06	.256	90.44	40.54
128.00	1093664.77	290.697	99.99	.07	.320	97.26	47.36
161.00	2184016.90	58.139	100.00	.00	.128	99.99	2.73
203.00	4377906.30	.000	100.00	.00	.000	99.99	2.73
TOTAL		26079417.735			4.686		

19/06/74 15.0 m

CARBON	321	mg m^{-3}
NITROGEN	50.0	mg m^{-3}
ATP	0.387	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.80×10^{-3}
FLAGELLATES	7.13×10^{-4}
DINOFLAGELLATES	5.20×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	5.55×10^{-2}
MICROZOOPLANKTON	5.31×10^{-1}
FAECAL PELLETS	1.11×10^{-3}

DATE: 19/ 6/74 DEPTH: 20.0 m AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10029104.477	54.35	54.35	.027	.71	.71
2.52	8.35	3281343.283	72.14	72.14	.032	1.55	1.55
3.17	16.77	1938805.970	82.65	82.65	.040	2.60	2.60
4.00	33.38	1209701.492	89.20	89.20	.064	4.29	4.29
5.04	66.76	968656.716	94.45	94.45	.064	5.98	5.98
6.35	132.90	574626.865	97.57	97.57	.077	7.98	7.98
8.00	267.01	249253.731	98.92	98.92	.066	9.71	9.71
10.08	537.30	79850.746	99.35	99.35	.042	10.82	10.82
12.70	1068.23	48507.462	99.61	99.61	.052	12.18	12.18
16.00	2136.06	26119.402	99.75	99.75	.056	13.63	13.63
20.20	4298.42	11744.186	99.82	.06	.050	14.93	1.29
25.40	8545.85	8255.813	99.86	.10	.071	16.78	3.14
32.00	17088.51	6279.069	99.90	.14	.108	19.58	5.95
40.30	34132.61	5988.372	99.93	.17	.206	24.94	11.30
50.80	68366.83	4302.325	99.95	.02	.296	32.63	7.69
64.00	136708.10	3953.488	99.97	.04	.544	46.77	21.83
80.60	273060.85	2325.581	99.99	.05	.640	63.40	38.46
101.60	553419.97	930.232	99.99	.06	.512	76.71	51.77
128.00	1093664.77	465.116	99.99	.06	.512	90.02	65.07
161.00	2184016.90	174.418	100.00	.00	.384	99.99	9.97
203.00	4377906.30	.000	100.00	.00	.000	99.99	9.97
TOTAL		18450388.752			3.847		

19/06/74 20.0 m

CARBON	37C	mg m^{-3}
NITROGEN	31.0	mg m^{-3}
ATP	0.345	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.10×10^{-3}
FLAGELLATES	2.93×10^{-5}
DINOFLAGELLATES	3.71×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.93×10^{-2}
MICROZOOPLANKTON	3.72×10^{-1}
FAECAL PELLETS	4.84×10^{-4}

DATE: 19/ 6/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9320895.522	53.78	53.78	.039	2.60	2.60
2.52	8.35	3182835.820	72.14	72.14	.026	4.37	4.37
3.17	16.77	2087313.432	84.19	84.19	.034	6.69	6.70
4.00	33.38	1183582.089	91.02	91.02	.039	9.33	9.34
5.04	66.76	797014.925	95.62	95.62	.053	12.89	12.90
6.35	132.90	441044.776	98.16	98.16	.059	16.83	16.84
8.00	267.01	187313.432	99.24	99.24	.050	20.18	20.18
10.08	537.30	61940.298	99.60	99.60	.033	22.39	22.40
12.70	1068.23	31046.511	99.78	99.78	.033	24.59	24.60
16.00	2136.06	18081.395	99.88	99.88	.038	27.13	27.13
20.20	4298.42	7965.116	99.93	.04	.034	29.39	2.26
25.40	8545.85	3662.790	99.95	.06	.031	31.46	4.33
32.00	17088.51	2616.279	99.96	.08	.045	34.46	7.33
40.30	34132.61	2093.023	99.98	.09	.075	39.46	12.33
50.80	68366.83	1220.930	99.98	.00	.084	45.06	5.60
64.00	136708.10	988.372	99.99	.01	.136	54.13	14.66
80.60	273060.85	406.976	99.99	.01	.112	61.59	22.13
101.60	553419.97	465.116	99.99	.01	.256	78.66	39.20
128.00	1093664.77	58.139	99.99	.01	.064	82.93	43.46
161.00	2184016.90	116.279	100.00	.00	.256	99.99	17.06
203.00	4377906.30	.000	100.00	.00	.000	99.99	17.06
TOTAL		17330661.227			1.500		

19/06/74 30.0 m

CARBON	257	mg m^{-3}
NITROGEN	26.0	mg m^{-3}
ATP	0.150	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.79×10^{-3}
FLAGELLATES	2.03×10^{-4}
DINOFLAGELLATES	6.68×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	8.67×10^{-3}
MICROZOOPLANKTON	1.95×10^{-2}
FAECAL PELLETS	0.0

DATE: 19/ 6/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11604477.611	51.27	51.27	.048	1.06	1.06
2.52	8.35	4767910.447	72.33	72.33	.039	1.94	1.94
3.17	16.77	3010447.761	85.63	85.63	.050	3.05	3.05
4.00	33.38	1506716.417	92.29	92.29	.050	4.15	4.15
5.04	66.76	922388.059	96.37	96.37	.061	5.51	5.51
6.35	132.90	485074.626	98.51	98.51	.065	6.94	6.94
8.00	267.01	194029.850	99.37	99.37	.052	8.08	8.08
10.08	537.30	72388.059	99.69	99.69	.038	8.93	8.93
12.70	1068.23	20149.253	99.77	99.77	.021	9.41	9.41
16.00	2136.06	7462.686	99.81	99.81	.016	9.76	9.76
20.20	4298.42	9127.906	99.85	.04	.039	10.62	.85
25.40	8545.85	7034.883	99.88	.07	.060	11.94	2.17
32.00	17088.51	6220.930	99.91	.09	.107	14.29	4.52
40.30	34132.61	6511.627	99.94	.12	.224	19.21	9.44
50.80	68366.83	5406.976	99.96	.02	.372	27.39	8.17
64.00	136708.10	3197.674	99.97	.03	.440	37.06	17.84
80.60	273060.85	2732.558	99.99	.05	.752	53.58	34.37
101.60	553419.97	1395.348	99.99	.05	.768	70.46	51.24
128.00	1093664.77	406.976	99.99	.05	.448	80.30	61.09
161.00	2184016.90	406.976	100.00	.00	.896	99.99	19.69
203.00	4377906.30	.000	100.00	.00	.000	99.99	19.69
TOTAL		22633486.635			4.550		

19/06/74 40.0 m

CARBON	168	mg m^{-3}
NITROGEN	18.0	mg m^{-3}
ATP	0.161	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.15×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	1.91×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.34×10^{-3}
MICROZOOPLANKTON	5.40×10^{-3}
FAECAL PELLETS	0.0

DATE: 19/ 6/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	13653731.343	46.99	46.99	.057	1.34	1.34
2.52	8.35	7361194.029	72.33	72.33	.061	2.79	2.79
3.17	16.77	4064179.104	86.31	86.31	.068	4.39	4.39
4.00	33.38	1835820.895	92.63	92.63	.061	5.83	5.83
5.04	66.76	1035074.626	96.20	96.20	.069	7.46	7.46
6.35	132.90	658955.223	98.46	98.46	.088	9.54	9.54
8.00	267.01	269402.985	99.39	99.39	.072	11.24	11.24
10.08	537.30	91791.044	99.71	99.71	.049	12.40	12.40
12.70	1068.23	35820.895	99.83	99.83	.038	13.30	13.30
16.00	2136.06	13895.348	99.88	99.88	.029	13.98	13.98
20.20	4298.42	7965.116	99.90	.02	.034	14.78	.79
25.40	8545.85	4360.465	99.92	.04	.037	15.65	1.66
32.00	17088.51	4186.046	99.93	.05	.072	17.34	3.36
40.30	34132.61	5058.139	99.95	.07	.174	21.44	7.45
50.80	68366.83	4476.744	99.97	.01	.308	28.68	7.24
64.00	136708.10	3197.674	99.98	.02	.440	39.03	17.59
80.60	273060.85	2558.139	99.99	.03	.704	55.59	34.15
101.60	553419.97	1802.325	99.99	.04	.992	78.92	57.48
128.00	1093664.77	348.837	99.99	.04	.384	87.95	66.51
161.00	2184016.90	116.279	99.99	.00	.256	93.97	6.02
203.00	4377906.30	58.139	100.00	.00	.256	99.99	12.04
TOTAL		29053993.404			4.251		

19/06/74 60.0 m

CARBON	140	mg m^{-3}
NITROGEN	14.0	mg m^{-3}
ATP	0.196	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.02×10^{-1}
FLAGELLATES	0.0
DINOFLAGELLATES	9.01×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.11×10^{-1}
MICROZOOPLANKTON	1.50×10^{-3}
FAECAL PELLETS	4.55×10^{-3}

DATE: 10/ 7/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	19217164.179	31.53	31.53	.080	1.49	1.49
2.52	8.35	10838805.970	49.32	49.32	.090	3.18	3.18
3.17	16.77	12046268.656	69.08	69.08	.201	6.93	6.93
4.00	33.38	7767164.179	81.83	81.83	.260	11.77	11.77
5.04	66.76	4035820.895	88.45	88.45	.270	16.80	16.80
6.35	132.90	2124626.865	91.94	91.94	.284	22.09	22.09
8.00	267.01	2085820.895	95.36	95.36	.559	32.49	32.49
10.08	537.30	1798507.462	98.31	98.31	.964	50.42	50.42
12.70	1068.23	664179.104	99.40	99.40	.712	63.67	63.67
16.00	2136.06	215671.641	99.76	99.76	.462	72.27	72.27
20.20	4298.42	88059.701	99.90	.14	.377	79.29	7.02
25.40	8545.85	31744.186	99.95	.19	.273	84.37	12.10
32.00	17088.51	13604.651	99.98	.21	.234	88.72	16.45
40.30	34132.61	8662.790	99.99	.23	.298	94.27	21.99
50.80	68366.83	1686.046	99.99	.00	.116	96.42	2.15
64.00	136708.10	465.116	99.99	.00	.064	97.61	3.34
80.60	273060.85	116.279	99.99	.00	.032	98.21	3.94
101.60	553419.97	58.139	99.99	.00	.032	98.80	4.53
128.00	1093664.77	58.139	100.00	.00	.064	99.99	5.72
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		60938484.900			5.376		

10/07/74 0 m

CARBON	614	mg m^{-3}
NITROGEN	68.0	mg m^{-3}
ATP	1.350	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.06×10^{-2}
FLAGELLATES	9.10×10^{-4}
DINOFLAGELLATES	8.83×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	9.94×10^{-2}
MICROZOOPLANKTON	7.65×10^{-1}
FAECAL PELLETS	0.0

DATE: 10/ 7/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	19691044.776	29.84	29.84	.082	.93	.93
2.52	8.35	11462686.567	47.22	47.22	.096	2.03	2.03
3.17	16.77	12994776.119	66.91	66.91	.217	4.51	4.51
4.00	33.38	8566417.910	79.90	79.90	.286	7.78	7.78
5.04	66.76	4670149.253	86.98	86.98	.312	11.35	11.35
6.35	132.90	2856716.417	91.31	91.31	.382	15.72	15.72
8.00	267.01	2624626.865	95.28	95.28	.703	23.74	23.74
10.08	537.30	1986567.164	98.30	98.30	1.064	35.89	35.89
12.70	1068.23	723880.597	99.39	99.39	.776	44.74	44.74
16.00	2136.06	229104.477	99.74	99.74	.491	50.34	50.34
20.20	4298.42	94776.119	99.88	.14	.406	54.97	4.63
25.40	8545.85	24626.865	99.92	.18	.211	57.38	7.04
32.00	17088.51	18837.209	99.95	.20	.324	61.08	10.73
40.30	34132.61	17558.139	99.98	.23	.604	67.97	17.62
50.80	68366.83	5581.395	99.98	.00	.384	72.35	4.37
64.00	136708.10	2500.000	99.99	.01	.344	76.27	8.30
80.60	273060.85	2790.697	99.99	.01	.768	85.03	17.06
101.60	553419.97	1337.209	99.99	.01	.736	93.43	25.45
128.00	1093664.77	406.976	99.99	.01	.448	98.54	30.56
161.00	2184016.90	58.139	99.99	.00	.128	99.99	1.45
203.00	4377906.30	.000	99.99	.00	.000	99.99	1.45
TOTAL		65974442.901			8.767		

10/07/74 2.5 m

CARBON	500	mg m^{-3}
NITROGEN	59.0	mg m^{-3}
ATP	1.440	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.20×10^{-1}
FLAGELLATES	1.73×10^{-4}
DINOFLAGELLATES	6.28×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.83×10^{-1}
MICROZOOPLANKTON	6.83×10^{-1}
FAECAL PELLETS	0.0

DATE: 10/ 7/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	28561194.029	41.33	41.33	.119	1.45	1.45
2.52	8.35	13418656.716	60.75	60.75	.112	2.81	2.81
3.17	16.77	12047761.194	78.19	78.19	.201	5.26	5.26
4.00	33.38	6405223.880	87.46	87.46	.214	7.87	7.87
5.04	66.76	3822388.059	93.00	93.00	.256	10.97	10.97
6.35	132.90	2062686.567	95.98	95.98	.276	14.33	14.33
8.00	267.01	1528358.208	98.19	98.19	.409	19.30	19.30
10.08	537.30	779850.746	99.32	99.32	.418	24.38	24.38
12.70	1068.23	278358.208	99.72	99.72	.298	28.00	28.00
16.00	2136.06	102985.074	99.87	99.87	.220	30.68	30.68
20.20	4298.42	26119.402	99.91	.03	.112	32.04	1.35
25.40	8545.85	14179.104	99.93	.05	.121	33.52	2.83
32.00	17088.51	12500.000	99.95	.07	.215	36.13	5.44
40.30	34132.61	12325.581	99.97	.09	.424	41.28	10.59
50.80	68366.83	6569.767	99.98	.00	.452	46.77	5.48
64.00	136708.10	5813.953	99.99	.01	.800	56.48	15.20
80.60	273060.85	3255.813	99.99	.02	.896	67.36	26.08
101.60	553419.97	2209.302	99.99	.02	1.216	82.12	40.84
128.00	1093664.77	755.813	99.99	.02	.832	92.22	50.94
161.00	2184016.90	290.697	100.00	.00	.640	99.99	7.77
203.00	4377906.30	.000	100.00	.00	.000	99.99	7.77
TOTAL		69091482.123			8.236		

10/07/74 5.0 m

CARBON	423	mg m^{-3}
NITROGEN	63.0	mg m^{-3}
ATP	1.530	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.18×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	1.11×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.53×10^{-1}
MICROZOOPLANKTON	3.11×10^{-1}
FAECAL PELLETS	0.0

DATE: 10/ 7/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	52154477.611	51.35	51.35	.218	2.14	2.14
2.52	8.35	19131343.283	70.19	70.19	.160	3.71	3.71
3.17	16.77	9914179.104	79.96	79.96	.166	5.33	5.33
4.00	33.38	5650000.000	85.52	85.52	.189	7.19	7.19
5.04	66.76	6071641.791	91.50	91.50	.406	11.18	11.18
6.35	132.90	4150746.268	95.59	95.59	.556	16.63	16.63
8.00	267.01	2336567.164	97.89	97.89	.626	22.77	22.77
10.08	537.30	1318656.716	99.19	99.19	.706	29.70	29.70
12.70	1068.23	530597.014	99.71	99.71	.568	35.28	35.28
16.00	2136.06	173134.328	99.88	99.88	.371	38.92	38.92
20.20	4298.42	55970.149	99.94	.05	.240	41.27	2.35
25.40	8545.85	22388.059	99.96	.07	.192	43.15	4.23
32.00	17088.51	6716.417	99.96	.08	.115	44.28	5.36
40.30	34132.61	9941.860	99.97	.09	.342	47.64	8.71
50.80	68366.83	8313.953	99.98	.00	.572	53.24	5.60
64.00	136708.10	6046.511	99.99	.01	.832	61.40	13.76
80.60	273060.85	3837.209	99.99	.01	1.056	71.76	24.12
101.60	553419.97	2441.860	99.99	.02	1.344	84.93	37.29
128.00	1093664.77	581.395	99.99	.02	.640	91.21	43.57
161.00	2184016.90	406.976	100.00	.00	.896	99.99	8.78
203.00	4377906.30	.000	100.00	.00	.000	99.99	8.78
TOTAL		101547987.670			10.198		

10/07/74 10.0 m

CARBON	437	mg m^{-3}
NITROGEN	78.0	mg m^{-3}
ATP	4.440	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.02×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	4.00×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.10×10^{-2}
MICROZOOPLANKTON	3.06×10^{-1}
FAECAL PELLETS	0.0

DATE: 10/ 7/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	13654477.611	40.55	40.55	.057	1.20	1.20
2.52	8.35	6873880.597	60.97	60.97	.057	2.42	2.42
3.17	16.77	5938059.701	78.60	78.60	.099	4.52	4.52
4.00	33.38	2932089.552	87.31	87.31	.098	6.60	6.60
5.04	66.76	1916417.910	93.00	93.00	.128	9.32	9.32
6.35	132.90	979104.477	95.91	95.91	.131	12.09	12.09
8.00	267.01	688059.701	97.95	97.95	.184	16.00	16.00
10.08	537.30	396268.656	99.13	99.13	.212	20.49	20.49
12.70	1068.23	131343.283	99.52	99.52	.140	23.47	23.47
16.00	2136.06	55970.149	99.69	99.69	.120	26.01	26.01
20.20	4298.42	17910.447	99.74	.05	.076	27.63	1.62
25.40	8545.85	14941.860	99.78	.09	.128	30.34	4.33
32.00	17088.51	32441.860	99.88	.19	.558	42.15	16.13
40.30	34132.61	28662.790	99.97	.27	.986	63.01	37.00
50.80	68366.83	5058.139	99.98	.01	.348	70.37	7.36
64.00	136708.10	2383.720	99.99	.02	.328	77.31	14.30
80.60	273060.85	1686.046	99.99	.02	.464	87.13	24.12
101.60	553419.97	523.255	99.99	.02	.288	93.22	30.21
128.00	1093664.77	290.697	100.00	.02	.320	99.99	36.98
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		33669570.460			4.726		

10/07/74 15.0 m

CARBON	279	mg m^{-3}
NITROGEN	48.0	mg m^{-3}
ATP	3.510	mg m^{-3}

	VOLUME (PPM)
DIATOMS	8.87×10^{-3}
FLAGELLATES	4.18×10^{-5}
DINOFLAGELLATES	5.00×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	5.89×10^{-2}
MICROZOOPLANKTON	2.42×10^{-1}
FAECAL PELLETS	3.59×10^{-3}

DATE: 10/ 7/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8057462.686	40.00	40.00	.033	.73	.73
2.52	8.35	4177611.940	60.74	60.74	.034	1.49	1.49
3.17	16.77	3994029.850	80.57	80.57	.066	2.94	2.94
4.00	33.38	1679104.477	88.91	88.91	.056	4.16	4.16
5.04	66.76	979850.746	93.78	93.78	.065	5.59	5.59
6.35	132.90	529104.477	96.40	96.40	.070	7.13	7.13
8.00	267.01	363432.835	98.21	98.21	.097	9.25	9.25
10.08	537.30	202985.074	99.21	99.21	.108	11.62	11.62
12.70	1068.23	64179.104	99.53	99.53	.068	13.12	13.12
16.00	2136.06	23880.597	99.65	99.65	.051	14.23	14.23
20.20	4298.42	10447.761	99.70	.05	.048	15.29	1.06
25.40	8545.85	4477.611	99.73	.07	.038	16.13	1.89
32.00	17088.51	20149.253	99.83	.17	.345	23.64	9.41
40.30	34132.61	19941.860	99.93	.27	.686	38.57	24.33
50.80	68366.83	5813.953	99.95	.02	.400	47.27	8.70
64.00	136708.10	4476.744	99.98	.05	.616	60.67	22.10
80.60	273060.85	2151.162	99.99	.06	.592	73.54	34.97
101.60	553419.97	1162.790	99.99	.06	.640	87.47	48.89
128.00	1093664.77	406.976	99.99	.06	.448	97.21	58.64
161.00	2184016.90	58.139	100.00	.00	.128	99.99	2.78
203.00	4377906.30	.000	100.00	.00	.000	99.99	2.78
TOTAL		20140728.044			4.597		

10/07/74 20.0 m

CARBON	232	mg m^{-3}
NITROGEN	35.0	mg m^{-3}
ATP	0.210	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.57×10^{-3}
FLAGELLATES	1.33×10^{-4}
DINOFLAGELLATES	3.52×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.99×10^{-2}
MICROZOOPLANKTON	5.19×10^{-1}
FAECAL PELLETS	2.99×10^{-3}

DATE: 10/ 7/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	6648507.462	46.68	46.68	.027	2.42	2.42
2.52	8.35	2949253.731	67.39	67.39	.024	4.58	4.58
3.17	16.77	2868656.716	87.53	87.53	.048	8.77	8.77
4.00	33.38	847761.194	93.48	93.48	.028	11.25	11.25
5.04	66.76	476865.671	96.83	96.83	.031	14.03	14.03
6.35	132.90	251492.537	98.60	98.60	.033	16.97	16.97
8.00	267.01	112686.567	99.39	99.39	.030	19.61	19.61
10.08	537.30	35820.895	99.64	99.64	.019	21.29	21.29
12.70	1068.23	24626.865	99.81	99.81	.026	23.59	23.59
16.00	2136.06	11194.029	99.89	99.89	.024	25.69	25.69
20.20	4298.42	4477.611	99.92	.03	.019	27.36	1.67
25.40	8545.85	3197.674	99.95	.05	.027	29.72	4.03
32.00	17088.51	2267.441	99.96	.06	.039	33.12	7.43
40.30	34132.61	1453.488	99.97	.08	.050	37.49	11.80
50.80	68366.83	1569.767	99.98	.01	.108	46.92	9.42
64.00	136708.10	930.232	99.99	.01	.128	58.09	20.60
80.60	273060.85	232.558	99.99	.01	.064	63.68	26.18
101.60	553419.97	406.976	99.99	.02	.224	83.23	45.74
128.00	1093664.77	58.139	99.99	.02	.064	88.82	51.33
161.00	2184016.90	58.139	100.00	.00	.128	99.99	11.17
203.00	4377906.30	.000	100.00	.00	.000	99.99	11.17
TOTAL		14241517.701			1.145		

10/07/74 30.0 m

CARBON	144	mg m^{-3}
NITROGEN	15.0	mg m^{-3}
ATP	0.096	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.73×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	3.95×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	8.69×10^{-3}
MICROZOOPLANKTON	1.89×10^{-2}
FAECAL PELLETS	9.19×10^{-4}

DATE: 10/ 7/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7454477.611	46.17	46.17	.031	1.41	1.41
2.52	8.35	3422388.059	67.37	67.37	.028	2.72	2.72
3.17	16.77	3076119.402	86.43	86.43	.051	5.06	5.06
4.00	33.38	955223.880	92.34	92.34	.032	6.51	6.51
5.04	66.76	607462.686	96.11	96.11	.040	8.37	8.37
6.35	132.90	327611.940	98.13	98.13	.043	10.36	10.36
8.00	267.01	141791.044	99.01	99.01	.038	12.09	12.09
10.08	537.30	77611.940	99.49	99.49	.041	13.98	13.98
12.70	1068.23	29850.746	99.68	99.68	.032	15.44	15.44
16.00	2136.06	20895.522	99.81	99.81	.044	17.48	17.48
20.20	4298.42	10447.761	99.87	.06	.044	19.52	2.03
25.40	8545.85	4709.302	99.90	.09	.040	21.34	3.85
32.00	17088.51	3430.232	99.92	.11	.059	24.02	6.54
40.30	34132.61	4011.627	99.95	.13	.138	30.30	12.82
50.80	68366.83	2965.116	99.97	.01	.204	39.58	9.28
64.00	136708.10	2674.418	99.98	.03	.368	56.32	26.02
80.60	273060.85	1162.790	99.99	.04	.320	70.88	40.58
101.60	553419.97	581.395	99.99	.04	.320	85.44	55.13
128.00	1093664.77	174.418	99.99	.04	.192	94.17	63.87
161.00	2184016.90	58.139	100.00	.00	.128	99.99	5.82
203.00	4377906.30	.000	100.00	.00	.000	99.99	5.82
TOTAL		16143648.037			2.198		

10/07/74 40.0 m

CARBON	145	mg m^{-3}
NITROGEN	17.0	mg m^{-3}
ATP	0.0916	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.30×10^{-4}
FLAGELLATES	5.36×10^{-4}
DINOFLAGELLATES	9.12×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	9.79×10^{-3}
MICROZOOPLANKTON	3.91×10^{-2}
FAECAL PELLETS	1.04×10^{-3}

DATE: 10/ 7/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9554477.611	47.36	47.36	.040	1.91	1.91
2.52	8.35	4244029.850	68.40	68.40	.033	3.51	3.51
3.17	16.77	3530597.014	85.91	85.91	.059	6.35	6.35
4.00	33.38	1237313.432	92.04	92.04	.041	8.33	8.33
5.04	66.76	725373.134	95.64	95.64	.048	10.66	10.66
6.35	132.90	432089.552	97.78	97.78	.057	13.43	13.43
8.00	267.01	229104.477	98.91	98.91	.061	16.37	16.37
10.08	537.30	111940.298	99.47	99.47	.060	19.24	19.24
12.70	1068.23	59701.492	99.76	99.76	.064	22.31	22.31
16.00	2136.06	20149.253	99.86	99.86	.043	24.37	24.37
20.20	4298.42	7462.686	99.90	.03	.032	25.90	1.53
25.40	8545.85	5970.149	99.93	.06	.051	28.35	3.98
32.00	17088.51	4302.325	99.95	.08	.074	31.89	7.52
40.30	34132.61	2848.837	99.97	.10	.098	36.59	12.22
50.80	68366.83	2500.000	99.98	.01	.172	44.83	8.23
64.00	136708.10	1511.627	99.99	.01	.208	54.79	18.19
80.60	273060.85	639.534	99.99	.02	.176	63.22	26.62
101.60	553419.97	813.953	99.99	.02	.448	84.67	48.08
128.00	1093664.77	290.697	100.00	.02	.320	99.99	63.40
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		20171115.931			2.088		

10/07/74 60.0 m

CARBON	175	mg m^{-3}
NITROGEN	21.0	mg m^{-3}
ATP	0.0288	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.22×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	3.52×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.53×10^{-1}
MICROZOOPLANKTON	1.63×10^{-2}
FAECAL PELLETS	3.39×10^{-4}

DATE: 24/ 7/74 DEPTH: .0 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	14909701.492	21.91	21.91	.062	1.83	1.83
2.52	8.35	15917164.179	45.30	45.30	.133	5.76	5.76
3.17	16.77	12787313.432	64.09	64.09	.214	12.07	12.07
4.00	33.38	8894029.850	77.16	77.16	.297	20.84	20.84
5.04	66.76	9779850.746	91.53	91.53	.655	40.15	40.15
6.35	132.90	3990298.507	97.40	97.40	.534	55.90	55.90
8.00	267.01	1145522.388	99.08	99.08	.307	64.94	64.94
10.08	537.30	387313.432	99.65	99.65	.207	71.06	71.06
12.70	1068.23	97761.194	99.79	99.79	.104	74.15	74.15
16.00	2136.06	67164.179	99.89	99.89	.144	78.39	78.39
20.20	4298.42	46268.656	99.96	.06	.198	84.23	5.84
25.40	8545.85	14925.373	99.98	.08	.128	88.00	9.61
32.00	17088.51	4360.465	99.99	.09	.075	90.21	11.82
40.30	34132.61	2325.581	99.99	.09	.080	92.57	14.18
50.80	68366.83	872.093	99.99	.00	.060	94.34	1.76
64.00	136708.10	116.279	99.99	.00	.016	94.81	2.23
80.60	273060.85	174.418	99.99	.00	.048	96.22	3.65
101.60	553419.97	116.279	99.99	.00	.064	98.11	5.53
128.00	1093664.77	58.139	100.00	.00	.064	99.99	7.42
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		68045336.687			3.394		

24/07/74 0 m

CARBON	371	mg m^{-3}
NITROGEN	58.0	mg m^{-3}
ATP	1.785	mg m^{-3}

	VOLUME (PPM)
DIATOMS	6.10×10^{-5}
FLAGELLATES	4.22×10^{-3}
DINOFLAGELLATES	5.20×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	5.63×10^{-2}
MICROZOOPLANKTON	1.69×10^{-1}
FAECAL PELLETS	2.38×10^{-3}

DATE: 24/ 7/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	19411194.029	20.92	20.92	.081	1.37	1.37
2.52	8.35	22172388.059	44.81	44.81	.185	4.52	4.52
3.17	16.77	16958955.223	63.09	63.09	.284	9.34	9.34
4.00	33.38	14086567.164	78.27	78.27	.471	17.35	17.35
5.04	66.76	13449253.731	92.77	92.77	.901	32.65	32.65
6.35	132.90	4867910.447	98.01	98.01	.652	43.72	43.72
8.00	267.01	1352238.805	99.47	99.47	.362	49.87	49.87
10.08	537.30	352238.805	99.85	99.85	.188	53.07	53.07
12.70	1068.23	3731.343	99.85	99.85	.076	54.36	54.36
16.00	2136.06	58208.955	99.92	99.92	.124	56.48	56.48
20.20	4298.42	38139.534	99.96	.04	.164	59.26	2.78
25.40	8545.85	12500.000	99.97	.05	.107	61.08	4.59
32.00	17088.51	7034.883	99.98	.06	.121	63.13	6.65
40.30	34132.61	6162.790	99.98	.06	.212	66.73	10.25
50.80	68366.83	4651.162	99.99	.00	.320	72.16	5.43
64.00	136708.10	2965.116	99.99	.00	.408	79.09	12.35
80.60	273060.85	1220.930	99.99	.00	.336	84.79	18.05
101.60	553419.97	1279.069	99.99	.01	.704	96.74	30.00
128.00	1093664.77	58.139	99.99	.01	.064	97.82	31.09
161.00	2184016.90	58.139	100.00	.00	.128	99.99	2.17
203.00	4377906.30	.000	100.00	.00	.000	99.99	2.17
TOTAL		92786756.333			5.892		

24/07/74 2.5 m

CARBON	305	mg m^{-3}
NITROGEN	43.0	mg m^{-3}
ATP	1.477	mg m^{-3}

	VOLUME (PPM)
DIATOMS	8.16×10^{-4}
FLAGELLATES	3.26×10^{-3}
DINOFLAGELLATES	7.58×10^{-2}
SILICOFLAGELLATES	8.38×10^{-5}
SUBTOTAL OF PHYTOPLANKTON	8.00×10^{-2}
MICROZOOPLANKTON	3.56×10^{-1}
FAECAL PELLETS	8.22×10^{-4}

DATE: 24/ 7/74 DEPTH: 5.0 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	27334328.358	37.40	37.40	.114	3.00	3.00
2.52	8.35	12910447.761	55.06	55.06	.108	5.85	5.85
3.17	16.77	12776119.402	72.54	72.54	.214	11.48	11.48
4.00	33.38	8538805.970	84.23	84.23	.286	19.00	19.00
5.04	66.76	6364925.373	92.94	92.94	.426	30.21	30.21
6.35	132.90	3703731.343	98.00	98.00	.496	43.26	43.26
8.00	267.01	1137313.432	99.56	99.56	.304	51.28	51.28
10.08	537.30	176865.671	99.80	99.80	.094	53.77	53.77
12.70	1068.23	47014.925	99.87	99.87	.050	55.10	55.10
16.00	2136.06	43837.209	99.93	99.93	.094	57.57	57.57
20.20	4298.42	24302.325	99.96	.03	.104	60.31	2.73
25.40	8545.85	8546.511	99.97	.04	.074	62.25	4.68
32.00	17088.51	5872.093	99.98	.05	.101	64.91	7.33
40.30	34132.61	5988.372	99.99	.06	.206	70.33	12.75
50.80	68366.83	2558.139	99.99	.00	.176	74.96	4.62
64.00	136708.10	1337.209	99.99	.00	.184	79.80	9.46
80.60	273060.85	581.395	99.99	.00	.160	84.00	13.67
101.60	553419.97	406.976	99.99	.00	.224	89.90	19.56
128.00	1093664.77	116.279	99.99	.00	.128	93.26	22.93
161.00	2184016.90	116.279	100.00	.00	.256	99.99	6.73
203.00	4377906.30	.000	100.00	.00	.000	99.99	6.73
TOTAL		73083215.028			3.802		

24/07/74 5.0 m

CARBON	353	mg m^{-3}
NITROGEN	61.0	mg m^{-3}
ATP	1.635	mg m^{-3}

	VOLUME (PPM)
DIATOMS	8.88×10^{-4}
FLAGELLATES	2.09×10^{-4}
DINOFLAGELLATES	1.14×10^{-1}
SILICOFLAGELLATES	9.05×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	1.16×10^{-1}
MICROZOOPLANKTON	3.19×10^{-1}
FAECAL PELLETS	8.59×10^{-3}

DATE: 24/ 7/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12773134.328	47.15	47.15	.053	2.53	2.53
2.52	8.35	5523880.597	67.54	67.54	.046	4.73	4.73
3.17	16.77	3447014.925	80.26	80.26	.057	7.47	7.47
4.00	33.38	2297761.194	88.75	88.75	.076	11.12	11.12
5.04	66.76	1501492.537	94.29	94.29	.100	15.90	15.90
6.35	132.90	741044.776	97.03	97.03	.099	20.61	20.61
8.00	267.01	420149.253	98.58	98.58	.112	25.96	25.96
10.08	537.30	173880.597	99.22	99.22	.093	30.39	30.39
12.70	1068.23	102238.805	99.60	99.60	.109	35.60	35.60
16.00	2136.06	52238.805	99.79	99.79	.112	40.92	40.92
20.20	4298.42	25373.134	99.88	.09	.108	46.08	5.16
25.40	8545.85	13720.930	99.93	.14	.118	51.69	10.77
32.00	17088.51	7965.116	99.96	.17	.137	58.20	17.28
40.30	34132.61	4883.720	99.98	.19	.168	66.18	25.26
50.80	68366.83	2093.023	99.99	.00	.144	73.02	6.83
64.00	136708.10	1104.651	99.99	.01	.152	80.24	14.05
80.60	273060.85	581.395	99.99	.01	.160	87.84	21.65
101.60	553419.97	.000	99.99	.01	.000	87.84	21.65
128.00	1093664.77	116.279	99.99	.01	.128	93.92	27.73
161.00	2184016.90	58.139	100.00	.00	.128	99.99	6.07
203.00	4377906.30	.000	100.00	.00	.000	99.99	6.07
TOTAL		27088732.210			2.105		

24/07/74 10.0 m

CARBON	320	mg m^{-3}
NITROGEN	32.0	mg m^{-3}
ATP	1.282	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.08×10^{-3}
FLAGELLATES	8.15×10^{-4}
DINOFLAGELLATES	5.88×10^{-2}
SILICOFLAGELLATES	1.23×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	6.35×10^{-2}
MICROZOOPLANKTON	1.64×10^{-1}
FAECAL PELLETS	1.67×10^{-2}

DATE: 24/ 7/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12554477.611	38.63	38.63	.052	1.97	1.97
2.52	8.35	6285820.895	57.98	57.98	.052	3.95	3.95
3.17	16.77	5267164.179	74.18	74.18	.088	7.27	7.27
4.00	33.38	3261194.029	84.22	84.22	.109	11.39	11.39
5.04	66.76	3053731.343	93.62	93.62	.204	19.09	19.09
6.35	132.90	1397014.925	97.92	97.92	.187	26.14	26.14
8.00	267.01	427611.940	99.23	99.23	.114	30.46	30.46
10.08	537.30	112686.567	99.58	99.58	.060	32.73	32.73
12.70	1068.23	60447.761	99.77	99.77	.064	35.17	35.17
16.00	2136.06	35820.895	99.88	99.88	.076	38.07	38.07
20.20	4298.42	11194.029	99.91	.03	.048	39.87	1.80
25.40	8545.85	4477.611	99.92	.04	.038	41.32	3.25
32.00	17088.51	7558.139	99.95	.07	.130	46.22	8.14
40.30	34132.61	8488.372	99.97	.09	.292	57.21	19.14
50.80	68366.83	3837.209	99.99	.01	.264	67.16	9.94
64.00	136708.10	1569.767	99.99	.01	.216	75.29	18.07
80.60	273060.85	755.813	99.99	.01	.208	83.12	25.91
101.60	553419.97	465.116	99.99	.02	.256	92.76	35.55
128.00	1093664.77	58.139	99.99	.02	.064	95.17	37.96
161.00	2184016.90	58.139	100.00	.00	.128	99.99	4.82
203.00	4377906.30	.000	100.00	.00	.000	99.99	4.82
TOTAL		32494432.487			2.655		

24/07/74 15.0 m

CARBON	234	mg m^{-3}
NITROGEN	36.0	mg m^{-3}
ATP	0.577	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.03×10^{-3}
FLAGELLATES	7.74×10^{-4}
DINOFLAGELLATES	1.14×10^{-1}
SILICOFLAGELLATES	5.36×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	1.19×10^{-1}
MICROZOOPLANKTON	7.71×10^{-1}
FAECAL PELLETS	1.20×10^{-4}

DATE: 24/ 7/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7840298.507	39.11	39.11	.032	1.33	1.33
2.52	8.35	4136567.164	59.75	59.75	.034	2.75	2.75
3.17	16.77	3138059.701	75.40	75.40	.052	4.89	4.89
4.00	33.38	2014925.373	85.45	85.45	.067	7.64	7.64
5.04	66.76	1690298.507	93.89	93.89	.113	12.26	12.26
6.35	132.90	762686.567	97.69	97.69	.102	16.43	16.43
8.00	267.01	262686.567	99.00	99.00	.070	19.30	19.30
10.08	537.30	95522.388	99.48	99.48	.051	21.39	21.39
12.70	1068.23	38805.970	99.67	99.67	.041	23.09	23.09
16.00	2136.06	23880.597	99.79	99.79	.051	25.18	25.18
20.20	4298.42	11194.029	99.85	.05	.048	27.14	1.95
25.40	8545.85	6716.417	99.88	.08	.057	29.49	4.30
32.00	17088.51	6976.744	99.92	.12	.120	34.38	9.20
40.30	34132.61	7558.139	99.95	.16	.260	44.99	19.81
50.80	68366.83	4127.906	99.97	.02	.284	56.58	11.58
64.00	136708.10	2034.883	99.99	.03	.280	68.01	23.01
80.60	273060.85	1337.209	99.99	.03	.368	83.02	38.02
101.60	553419.97	523.255	99.99	.04	.288	94.77	49.77
128.00	1093664.77	116.279	100.00	.04	.128	99.99	55.00
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		20044316.208			2.450		

24/07/74 20.0 m

CARBON	199	mg m^{-3}
NITROGEN	30.0	mg m^{-3}
ATP	0.212	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.88×10^{-3}
FLAGELLATES	8.63×10^{-4}
DINOFLAGELLATES	5.36×10^{-2}
SILICOFLAGELLATES	4.90×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	5.68×10^{-2}
MICROZOOPLANKTON	3.01×10^{-1}
FAECAL PELLETS	1.60×10^{-2}

DATE: 24/ 7/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	6509701.492	49.10	49.10	.027	2.26	2.26
2.52	8.35	2794029.850	70.18	70.18	.023	4.20	4.20
3.17	16.77	1641044.776	82.56	82.56	.027	6.48	6.48
4.00	33.38	1095522.388	90.82	90.82	.036	9.53	9.53
5.04	66.76	632835.820	95.59	95.59	.042	13.05	13.05
6.35	132.90	341044.776	98.17	98.17	.045	16.85	16.85
8.00	267.01	150746.268	99.30	99.30	.040	20.21	20.21
10.08	537.30	48507.462	99.67	99.67	.026	22.37	22.37
12.70	1068.23	20149.253	99.82	99.82	.021	24.16	24.16
16.00	2136.06	10447.761	99.90	99.90	.022	26.03	26.03
20.20	4298.42	1492.537	99.91	.01	.006	26.56	.53
25.40	8545.85	2238.805	99.93	.02	.019	28.15	2.12
32.00	17088.51	2238.805	99.95	.04	.038	31.34	5.31
40.30	34132.61	2383.720	99.96	.06	.082	38.16	12.13
50.80	68366.83	1976.744	99.98	.01	.136	49.46	11.30
64.00	136708.10	1162.790	99.99	.02	.160	62.76	24.60
80.60	273060.85	697.674	99.99	.02	.192	78.72	40.55
101.60	553419.97	232.558	99.99	.03	.128	89.36	51.19
128.00	1093664.77	116.279	100.00	.03	.128	99.99	61.83
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		13256569.766			1.203		

24/07/74 30.0 m

CARBON	141	mg m^{-3}
NITROGEN	19.0	mg m^{-3}
ATP	0.140	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.15×10^{-3}
FLAGELLATES	4.92×10^{-4}
DINOFLAGELLATES	3.58×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	5.23×10^{-3}
MICROZOOPLANKTON	1.69×10^{-1}
FAECAL PELLETS	3.21×10^{-3}

DATE: 24/ 7/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8600000.000	51.04	51.04	.036	1.92	1.92
2.52	8.35	3967164.179	74.58	74.58	.033	3.70	3.70
3.17	16.77	1892537.313	85.82	85.82	.031	5.40	5.40
4.00	33.38	1059701.492	92.11	92.11	.035	7.30	7.30
5.04	66.76	631343.283	95.85	95.85	.042	9.57	9.57
6.35	132.90	342537.313	97.89	97.89	.045	12.03	12.03
8.00	267.01	196268.656	99.05	99.05	.052	14.85	14.85
10.08	537.30	67910.447	99.45	99.45	.036	16.80	16.80
12.70	1068.23	42537.313	99.71	99.71	.045	19.24	19.24
16.00	2136.06	21220.930	99.83	99.83	.045	21.65	21.65
20.20	4298.42	9883.720	99.89	.05	.042	23.90	2.25
25.40	8545.85	5465.116	99.92	.09	.047	26.42	4.76
32.00	17088.51	2965.116	99.94	.10	.051	29.16	7.50
40.30	34132.61	3197.674	99.96	.12	.110	35.05	13.39
50.80	68366.83	2325.581	99.97	.01	.160	43.62	8.57
64.00	136708.10	1860.465	99.99	.02	.256	57.34	22.29
80.60	273060.85	930.232	99.99	.03	.256	71.06	36.00
101.60	553419.97	406.976	99.99	.03	.220	82.85	47.79
128.00	1093664.77	290.697	100.00	.03	.320	99.99	64.94
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		16848546.510			1.866		

24/07/74 40.0 m

CARBON	134	mg m^{-3}
NITROGEN	15.0	mg m^{-3}
ATP	0.128	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.46×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	7.34×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	8.80×10^{-3}
MICROZOOPLANKTON	6.35×10^{-2}
FAECAL PELLETS	0.0

DATE: 24/ 7/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8836567.164	51.97	51.97	.037	1.87	1.87
2.52	8.35	3766417.910	74.13	74.13	.031	3.46	3.46
3.17	16.77	1925373.134	85.45	85.45	.032	5.09	5.09
4.00	33.38	1028358.208	91.50	91.50	.034	6.83	6.83
5.04	66.76	664179.104	95.41	95.41	.044	9.07	9.07
6.35	132.90	392537.313	97.72	97.72	.052	11.73	11.73
8.00	267.01	200746.268	98.90	98.90	.053	14.45	14.45
10.08	537.30	89552.238	99.43	99.43	.048	16.88	16.88
12.70	1068.23	41044.776	99.67	99.67	.044	19.11	19.11
16.00	2136.06	21220.930	99.79	99.79	.045	21.38	21.38
20.20	4298.42	10174.418	99.85	.05	.043	23.55	2.17
25.40	8545.85	5697.674	99.89	.09	.049	26.03	4.65
32.00	17088.51	5174.418	99.92	.12	.089	30.53	9.15
40.30	34132.61	6686.046	99.96	.16	.230	42.16	20.77
50.80	68366.83	3023.255	99.97	.01	.208	52.67	10.51
64.00	136708.10	2034.883	99.99	.02	.280	66.83	24.67
80.60	273060.85	988.372	99.99	.03	.272	80.58	38.42
101.60	553419.97	465.116	99.99	.03	.256	93.52	51.36
128.00	1093664.77	116.279	100.00	.03	.128	99.99	57.83
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		17000357.514			1.978		

24/07/74 60.0 m

CARBON	171	mg m^{-3}
NITROGEN	22.0	mg m^{-3}
ATP	0.284	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.08×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	2.39×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.40×10^{-2}
MICROZOOPLANKTON	7.69×10^{-2}
FAECAL PELLETS	1.41×10^{-3}

DATE: 8/ 8/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	24719402.985	33.15	33.15	.103	3.78	3.78
2.52	8.35	19156716.417	58.84	58.84	.160	9.65	9.65
3.17	16.77	14108955.223	77.76	77.76	.236	18.29	18.29
4.00	33.38	7557462.686	87.89	87.89	.253	27.55	27.55
5.04	66.76	4641791.044	94.12	94.12	.311	38.92	38.92
6.35	132.90	2638805.970	97.66	97.66	.353	51.86	51.86
8.00	267.01	1203731.343	99.27	99.27	.322	63.66	63.66
10.08	537.30	317164.179	99.70	99.70	.170	69.87	69.87
12.70	1068.23	164179.104	99.92	99.92	.176	76.31	76.31
16.00	2136.06	26865.671	99.95	99.95	.057	78.42	78.42
20.20	4298.42	15930.232	99.97	.02	.068	80.90	2.48
25.40	8545.85	7151.162	99.98	.03	.061	83.13	4.71
32.00	17088.51	3546.511	99.99	.03	.061	85.37	6.94
40.30	34132.61	2906.976	99.99	.03	.100	89.02	10.60
50.80	68366.83	1104.651	99.99	.00	.076	91.80	2.77
64.00	136708.10	465.116	99.99	.00	.064	94.14	5.12
80.60	273060.85	232.558	99.99	.00	.064	96.48	7.46
101.60	553419.97	174.418	100.00	.00	.096	99.99	10.97
128.00	1093664.77	.000	100.00	.00	.000	99.99	10.97
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		74566586.253			2.734		

08/08/74 0 m

CARBON	278	mg m^{-3}
NITROGEN	40.0	mg m^{-3}
ATP	1.335	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.05×10^{-3}
FLAGELLATES	6.44×10^{-3}
DINOFLAGELLATES	2.52×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.27×10^{-2}
MICROZOOPLANKTON	3.02×10^{-1}
FAECAL PELLETS	4.79×10^{-3}

DATE: 8/ 8/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	16950746.268	29.54	29.54	.070	2.69	2.69
2.52	8.35	13438805.970	52.96	52.96	.112	6.96	6.96
3.17	16.77	11653731.343	73.27	73.27	.195	14.37	14.37
4.00	33.38	8554477.611	88.18	88.18	.286	25.25	25.25
5.04	66.76	4434328.358	95.91	95.91	.297	36.52	36.52
6.35	132.90	1456716.417	98.45	98.45	.195	43.94	43.94
8.00	267.01	604477.611	99.51	99.51	.162	50.09	50.09
10.08	537.30	134328.358	99.74	99.74	.072	52.82	52.82
12.70	1068.23	38805.970	99.81	99.81	.041	54.40	54.40
16.00	2136.06	44776.119	99.89	99.89	.096	58.04	58.04
20.20	4298.42	31395.348	99.94	.05	.135	63.17	5.12
25.40	8545.85	13139.534	99.96	.07	.113	67.46	9.41
32.00	17088.51	9941.860	99.98	.09	.171	73.95	15.90
40.30	34132.61	5639.534	99.99	.10	.194	81.32	23.27
50.80	68366.83	1569.767	99.99	.00	.108	85.42	4.10
64.00	136708.10	930.232	99.99	.00	.128	90.28	8.95
80.60	273060.85	348.837	99.99	.00	.096	93.92	12.60
101.60	553419.97	58.139	99.99	.00	.032	95.14	13.81
128.00	1093664.77	.000	99.99	.00	.000	95.14	13.81
161.00	2184016.90	58.139	100.00	.00	.128	99.99	4.85
203.00	4377906.30	.000	100.00	.00	.000	99.99	4.85
TOTAL		57374275.424			2.634		

08/08/74 2.5 m

CARBON	356	mg m^{-3}
NITROGEN	51.0	mg m^{-3}
ATP	0.930	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.21×10^{-3}
FLAGELLATES	2.04×10^{-2}
DINOFLAGELLATES	1.26
SILICOFLAGELLATES	1.01×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	1.29
MICROZOOPLANKTON	6.77×10^{-1}
FAECAL PELLETS	3.83×10^{-3}

DATE: 8/ 8/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	21083582.089	28.88	28.88	.088	2.41	2.41
2.52	8.35	14415671.641	48.63	48.63	.120	5.71	5.71
3.17	16.77	15008208.955	69.19	69.19	.251	12.59	12.59
4.00	33.38	12812686.567	86.75	86.75	.420	24.08	24.08
5.04	66.76	5511940.298	94.30	94.30	.369	34.19	34.19
6.35	132.90	2430597.014	97.63	97.63	.325	43.10	43.10
8.00	267.01	1044029.850	99.06	99.06	.279	50.76	50.76
10.08	537.30	328358.208	99.51	99.51	.176	55.57	55.57
12.70	1068.23	216417.910	99.81	99.81	.232	61.92	61.92
16.00	2136.06	72388.059	99.91	99.91	.155	66.17	66.17
20.20	4298.42	27906.976	99.95	.03	.120	69.45	3.28
25.40	8545.85	14825.581	99.97	.05	.127	72.93	6.75
32.00	17088.51	10406.976	99.98	.07	.179	77.83	11.65
40.30	34132.61	6337.209	99.99	.08	.218	83.79	17.62
50.80	68366.83	3023.255	99.99	.00	.208	89.49	5.69
64.00	136708.10	930.232	99.99	.00	.128	92.99	9.19
80.60	273060.85	465.116	99.99	.00	.128	96.49	12.69
101.60	553419.97	116.279	99.99	.00	.064	98.24	14.44
128.00	1093664.77	58.139	99.99	.00	.064	99.99	16.20
161.00	2184016.90	.000	99.99	.00	.000	99.99	.00
203.00	4377906.30	.000	99.99	.00	.000	99.99	.00
TOTAL		72987950.363			3.654		

08/08/74 5.0 m

CARBON	471	mg m^{-3}
NITROGEN	61.0	mg m^{-3}
ATP	0.475	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.81×10^{-3}
FLAGELLATES	5.92×10^{-2}
DINOFLAGELLATES	2.25×10^{-1}
SILICOFLAGELLATES	8.93×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	2.87×10^{-1}
MICROZOOPLANKTON	9.13×10^{-1}
FAECAL PELLETS	0.0

DATE: 8/ 8/74 DEPTH: 10.0 m AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12351492.537	46.12	46.12	.051	3.42	3.42
2.52	8.35	7801492.537	75.25	75.25	.065	7.74	7.74
3.17	16.77	3078358.208	86.75	86.75	.051	11.15	11.15
4.00	33.38	1746268.656	93.27	93.27	.058	15.03	15.03
5.04	66.76	867910.447	96.51	96.51	.058	18.87	18.87
6.35	132.90	459701.492	98.22	98.22	.061	22.95	22.95
8.00	267.01	270149.253	99.23	99.23	.072	27.75	27.75
10.08	537.30	155223.880	99.81	99.81	.083	33.26	33.26
12.70	1068.23	4477.611	99.83	99.83	.076	38.34	38.34
16.00	2136.06	18197.674	99.90	99.90	.039	40.93	40.93
20.20	4298.42	10000.000	99.93	.03	.043	43.77	2.84
25.40	8545.85	5290.697	99.95	.05	.045	46.75	5.82
32.00	17088.51	4767.441	99.97	.07	.082	52.18	11.25
40.30	34132.61	2500.000	99.98	.08	.086	57.88	16.95
50.80	68366.83	1686.046	99.99	.00	.116	65.56	7.68
64.00	136708.10	1104.651	99.99	.01	.152	75.63	17.74
80.60	273060.85	406.976	99.99	.01	.112	83.04	25.16
101.60	553419.97	348.837	99.99	.01	.192	95.76	37.87
128.00	1093664.77	58.139	100.00	.01	.064	99.99	42.11
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		26779435.091			1.510		

08/08/74 10.0 m

CARBON	288	mg m^{-3}
NITROGEN	45.0	mg m^{-3}
ATP	0.104	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.71×10^{-3}
FLAGELLATES	1.55×10^{-3}
DINOFLAGELLATES	2.37×10^{-2}
SILICOFLAGELLATES	3.17×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	2.72×10^{-2}
MICROZOOPLANKTON	1.23×10^{-1}
FAECAL PELLETS	6.89×10^{-3}

DATE: 8/ 8/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9432089.552	41.19	41.19	.039	2.76	2.76
2.52	8.35	7186567.164	72.58	72.58	.060	6.97	6.97
3.17	16.77	2902985.074	85.26	85.26	.048	10.38	10.38
4.00	33.38	1551492.537	92.04	92.04	.051	14.02	14.02
5.04	66.76	852238.805	95.76	95.76	.057	18.02	18.02
6.35	132.90	470149.253	97.81	97.81	.063	22.44	22.44
8.00	267.01	259701.492	98.95	98.95	.069	27.32	27.32
10.08	537.30	129850.746	99.51	99.51	.069	32.20	32.20
12.70	1068.23	60447.761	99.78	99.78	.064	36.75	36.75
16.00	2136.06	23837.209	99.88	99.88	.051	40.32	40.32
20.20	4298.42	11860.465	99.93	.05	.051	43.90	3.57
25.40	8545.85	5348.837	99.96	.07	.046	47.12	6.80
32.00	17088.51	3023.255	99.97	.08	.052	50.77	10.44
40.30	34132.61	2500.000	99.98	.09	.086	56.80	16.47
50.80	68366.83	1162.790	99.99	.00	.080	62.41	5.60
64.00	136708.10	1104.651	99.99	.00	.152	73.07	16.26
80.60	273060.85	697.674	99.99	.01	.192	86.53	29.73
101.60	553419.97	232.558	99.99	.01	.128	95.51	38.70
128.00	1093664.77	58.139	100.00	.01	.064	99.99	43.19
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		22895347.968			1.426		

08/08/74 15.0 m

CARBON	237	mg m^{-3}
NITROGEN	19.0	mg m^{-3}
ATP	0.040	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.72×10^{-3}
FLAGELLATES	2.45×10^{-3}
DINOFLAGELLATES	1.69×10^{-2}
SILICOFLAGELLATES	2.74×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	2.33×10^{-2}
MICROZOOPLANKTON	2.96×10^{-2}
FAECAL PELLETS	5.99×10^{-3}

DATE: 8/ 8/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10465671.641	44.09	44.09	.043	3.63	3.63
2.52	8.35	7748507.462	76.74	76.74	.064	9.00	9.00
3.17	16.77	2810447.761	88.58	88.58	.047	12.90	12.90
4.00	33.38	1293283.582	94.03	94.03	.043	16.50	16.50
5.04	66.76	715671.641	97.04	97.04	.047	20.47	20.47
6.35	132.90	307462.686	98.34	98.34	.041	23.89	23.89
8.00	267.01	198507.462	99.17	99.17	.053	28.30	28.30
10.08	537.30	95522.388	99.58	99.58	.051	32.55	32.55
12.70	1068.23	52238.805	99.80	99.80	.056	37.19	37.19
16.00	2136.06	20000.000	99.88	99.88	.043	40.76	40.76
20.20	4298.42	11627.906	99.93	.04	.050	44.91	4.14
25.40	8545.85	6976.744	99.96	.07	.060	49.89	9.12
32.00	17088.51	3139.534	99.97	.09	.054	54.37	13.60
40.30	34132.61	2267.441	99.98	.10	.078	60.84	20.07
50.80	68366.83	1511.627	99.99	.00	.104	69.47	8.62
64.00	136708.10	930.232	99.99	.01	.128	80.08	19.24
80.60	273060.85	523.255	99.99	.01	.144	92.03	31.19
101.60	553419.97	174.418	100.00	.01	.096	99.99	39.15
128.00	1093664.77	.000	100.00	.01	.000	99.99	39.15
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		23734464.594			1.205		

08/08/74	20.0 m	
CARBON	240	mg m^{-3}
NITROGEN	19.0	mg m^{-3}
ATP	0.0776	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.31×10^{-3}
FLAGELLATES	1.51×10^{-3}
DINOFLAGELLATES	1.41×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.69×10^{-2}
MICROZOOPLANKTON	2.52×10^{-2}
FAECAL PELLETS	1.38×10^{-2}

DATE: 8/ 8/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10438059.701	48.50	48.50	.043	3.29	3.29
2.52	8.35	6702985.074	79.64	79.64	.056	7.51	7.51
3.17	16.77	2010447.761	88.98	88.98	.033	10.04	10.04
4.00	33.38	1083582.089	94.02	94.02	.036	12.78	12.78
5.04	66.76	591044.776	96.76	96.76	.039	15.76	15.76
6.35	132.90	300746.268	98.16	98.16	.040	18.80	18.80
8.00	267.01	179104.477	98.99	98.99	.048	22.41	22.41
10.08	537.30	90298.507	99.41	99.41	.048	26.06	26.06
12.70	1068.23	61940.298	99.70	99.70	.066	31.06	31.06
16.00	2136.06	26627.906	99.82	99.82	.057	35.36	35.36
20.20	4298.42	15813.953	99.90	.07	.068	40.48	5.12
25.40	8545.85	10116.279	99.95	.12	.087	47.03	11.67
32.00	17088.51	4825.581	99.97	.14	.083	53.29	17.92
40.30	34132.61	2674.418	99.98	.15	.092	60.22	24.86
50.80	68366.83	1744.186	99.99	.00	.120	69.26	9.04
64.00	136708.10	755.813	99.99	.01	.104	77.09	16.87
80.60	273060.85	290.697	99.99	.01	.080	83.12	22.90
101.60	553419.97	406.976	100.00	.01	.224	99.99	39.77
128.00	1093664.77	.000	100.00	.01	.000	99.99	39.77
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		21521464.768			1.327		

08/08/74 30.0 m

CARBON	242	mg m^{-3}
NITROGEN	19.0	mg m^{-3}
ATP	0.0368	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.67×10^{-3}
FLAGELLATES	1.56×10^{-3}
DINOFLAGELLATES	1.06×10^{-2}
SILICOFLAGELLATES	1.21×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	1.80×10^{-2}
MICROZOOPLANKTON	5.85×10^{-2}
FAECAL PELLETS	5.91×10^{-3}

DATE: 8/ 8/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9179850.746	57.20	57.20	.038	5.41	5.41
2.52	8.35	3840298.507	81.13	81.13	.032	9.93	9.93
3.17	16.77	1870149.253	92.78	92.78	.031	14.34	14.34
4.00	33.38	556716.417	96.25	96.25	.018	16.96	16.96
5.04	66.76	291791.044	98.07	98.07	.019	19.71	19.71
6.35	132.90	155223.880	99.04	99.04	.020	22.64	22.64
8.00	267.01	81343.283	99.54	99.54	.021	25.72	25.72
10.08	537.30	32089.552	99.74	99.74	.017	28.14	28.14
12.70	1068.23	19402.985	99.86	99.86	.020	31.07	31.07
16.00	2136.06	9302.325	99.92	99.92	.020	33.89	33.89
20.20	4298.42	4069.767	99.95	.02	.017	36.29	2.39
25.40	8545.85	2906.976	99.96	.04	.025	39.81	5.91
32.00	17088.51	2151.162	99.98	.05	.037	45.03	11.13
40.30	34132.61	523.255	99.98	.06	.018	47.56	13.67
50.80	68366.83	639.534	99.99	.00	.044	53.77	6.20
64.00	136708.10	988.372	99.99	.01	.136	72.93	25.36
80.60	273060.85	348.837	99.99	.01	.096	86.46	38.90
101.60	553419.97	174.418	100.00	.01	.096	99.99	52.43
128.00	1093664.77	.000	100.00	.01	.000	99.99	52.43
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		16047970.321			.709		

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08/08/74 40.0 m

CARBON	103	mg m^{-3}
NITROGEN	14.0	mg m^{-3}
ATP	0.0548	mg m^{-3}

	VOLUME (PPM)
DIATOMS	8.10×10^{-5}
FLAGELLATES	1.50×10^{-3}
DINOFLAGELLATES	1.13×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.14×10^{-1}
MICROZOOPLANKTON	7.40×10^{-3}
FAECAL PELLETS	0.0

DATE: 8/ 8/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	7900746.268	52.99	52.99	.033	3.86	3.86
2.52	8.35	4000000.000	79.82	79.82	.033	7.78	7.78
3.17	16.77	1494776.119	89.85	89.85	.025	10.71	10.71
4.00	33.38	691044.776	94.49	94.49	.023	13.42	13.42
5.04	66.76	376119.402	97.01	97.01	.025	16.37	16.37
6.35	132.90	202985.074	98.37	98.37	.027	19.55	19.55
8.00	267.01	118656.716	99.17	99.17	.031	23.28	23.28
10.08	537.30	60447.761	99.57	99.57	.032	27.07	27.07
12.70	1068.23	32089.552	99.79	99.79	.034	31.10	31.10
16.00	2136.06	11940.298	99.87	99.87	.025	34.10	34.10
20.20	4298.42	5970.149	99.91	.04	.025	37.10	2.99
25.40	8545.85	4825.581	99.94	.07	.041	41.90	7.80
32.00	17088.51	4069.767	99.97	.09	.070	50.10	15.99
40.30	34132.61	2034.883	99.98	.11	.070	58.30	24.19
50.80	68366.83	872.093	99.99	.00	.060	65.33	7.02
64.00	136708.10	755.813	99.99	.01	.104	77.51	19.20
80.60	273060.85	348.837	99.99	.01	.096	88.75	30.45
101.60	553419.97	58.139	99.99	.01	.032	92.50	34.20
128.00	1093664.77	58.139	100.00	.01	.064	99.99	41.69
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		14907799.374			.853		

08/08/74 60.0 m

CARBON	184	mg m^{-3}
NITROGEN	30.0	mg m^{-3}
ATP	0.128	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.41×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	7.57×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	7.68×10^{-2}
MICROZOOPLANKTON	1.51×10^{-2}
FAECAL PELLETS	5.75×10^{-3}

DATE: 21/ 8/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	123290298.507	56.93	56.93	.516	10.34	10.34
2.52	8.35	47307462.686	78.78	78.78	.396	18.28	18.28
3.17	16.77	17713432.835	86.96	86.96	.296	24.22	24.22
4.00	33.38	10914179.104	92.00	92.00	.365	31.55	31.55
5.04	66.76	8083582.089	95.73	95.73	.541	42.40	42.40
6.35	132.90	5355223.880	98.21	98.21	.717	56.78	56.78
8.00	267.01	2726865.671	99.47	99.47	.730	71.43	71.43
10.08	537.30	600746.268	99.74	99.74	.322	77.88	77.88
12.70	1068.23	388059.701	99.92	99.92	.416	86.22	86.22
16.00	2136.06	94776.119	99.97	99.97	.203	90.29	90.29
20.20	4298.42	35074.626	99.98	.01	.150	93.30	3.01
25.40	8545.85	18081.395	99.99	.02	.155	96.41	6.11
32.00	17088.51	4593.023	99.99	.02	.079	97.99	7.70
40.30	34132.61	1395.348	99.99	.02	.048	98.95	8.66
50.80	68366.83	174.418	99.99	.00	.012	99.19	.24
64.00	136708.10	58.139	99.99	.00	.008	99.35	.40
80.60	273060.85	116.279	100.00	.00	.032	99.99	1.04
101.60	553419.97	.000	100.00	.00	.000	99.99	1.04
128.00	1093664.77	.000	100.00	.00	.000	99.99	1.04
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		216534120.088			4.990		

21/08/74 0 m

CARBON	520	mg m^{-3}
NITROGEN	85.0	mg m^{-3}
ATP	0.354	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.20×10^{-2}
FLAGELLATES	6.31×10^{-2}
DINOFLAGELLATES	5.03×10^{-3}
SILICOFLAGELLATES	3.20×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	1.10×10^{-1}
MICROZOOPLANKTON	1.96×10^{-1}
FAECAL PELLETS	0.0

DATE: 21/ 8/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN G&OUP
2.00	4.17	29171641.791	32.69	32.69	.122	2.98	2.98
2.52	8.35	23476119.402	58.99	58.99	.196	7.79	7.79
3.17	16.77	15389552.238	76.24	76.24	.257	14.09	14.09
4.00	33.38	8893283.582	86.21	86.21	.297	21.37	21.37
5.04	66.76	5879104.477	92.79	92.79	.391	30.94	30.94
6.35	132.90	3645522.388	96.88	96.88	.488	42.89	42.89
8.00	267.01	1957462.686	99.07	99.07	.524	55.71	55.71
10.08	537.30	526865.671	99.66	99.66	.282	62.62	62.62
12.70	1068.23	161940.298	99.84	99.84	.173	66.86	66.86
16.00	2136.06	64883.720	99.92	99.92	.139	70.26	70.26
20.20	4298.42	39883.720	99.96	.04	.171	74.44	4.18
25.40	8545.85	18255.813	99.98	.06	.157	78.28	8.01
32.00	17088.51	4302.325	99.99	.06	.074	80.09	9.82
40.30	34132.61	3430.232	99.99	.07	.118	82.98	12.71
50.80	68366.83	1511.627	99.99	.00	.104	85.52	2.54
64.00	136708.10	813.953	99.99	.00	.112	88.26	5.28
80.60	273060.85	813.953	99.99	.00	.224	93.74	10.75
101.60	553419.97	232.558	99.99	.00	.128	96.87	13.88
128.00	1093664.77	116.279	99.99	.00	.128	99.99	17.01
161.00	2184016.90	.000	99.99	.00	.000	99.99	.00
203.00	4377906.30	.000	99.99	.00	.000	99.99	.00
TOTAL		89235736.722			4.089		

21/08/74 2.5 m

CARBON	394	mg m^{-3}
NITROGEN	59.0	mg m^{-3}
ATP	2.497	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.66×10^{-3}
FLAGELLATES	2.06×10^{-2}
DINOFLAGELLATES	2.82×10^{-3}
SILICOFLAGELLATES	2.65×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	3.17×10^{-2}
MICROZOOPLANKTON	1.50×10^{-1}
FAECAL PELLETS	7.00×10^{-3}

DATE: 21/ 8/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	28455970.149	37.20	37.20	.119	2.68	2.68
2.52	8.35	17489552.238	60.07	60.07	.146	5.98	5.98
3.17	16.77	13351492.537	77.52	77.52	.223	11.02	11.02
4.00	33.38	7186567.164	86.92	86.92	.240	16.44	16.44
5.04	66.76	3916417.910	92.04	92.04	.262	22.35	22.35
6.35	132.90	2814925.373	95.72	95.72	.377	30.85	30.85
8.00	267.01	1994029.850	98.33	98.33	.534	42.89	42.89
10.08	537.30	899253.731	99.50	99.50	.482	53.75	53.75
12.70	1068.23	234328.358	99.81	99.81	.251	59.41	59.41
16.00	2136.06	79104.477	99.91	99.91	.169	63.23	63.23
20.20	4298.42	32089.552	99.96	.04	.137	66.33	3.10
25.40	8545.85	11194.029	99.97	.05	.096	68.50	5.26
32.00	17088.51	7441.860	99.98	.06	.128	71.38	8.14
40.30	34132.61	5639.534	99.99	.07	.194	75.75	12.51
50.80	68366.83	2848.837	99.99	.00	.196	80.17	4.41
64.00	136708.10	1395.348	99.99	.00	.192	84.49	8.74
80.60	273060.85	755.813	99.99	.00	.208	89.18	13.42
101.60	553419.97	174.418	99.99	.00	.096	91.34	15.59
128.00	1093664.77	232.558	99.99	.00	.256	97.11	21.36
161.00	2184016.90	58.139	99.99	.00	.128	99.99	2.88
203.00	4377906.30	.000	99.99	.00	.000	99.99	2.88
TOTAL		76483471.884			4.438		

21/08/74 5.0 m

CARBON	385	mg m^{-3}
NITROGEN	64.0	mg m^{-3}
ATP	0.613	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.77×10^{-2}
FLAGELLATES	1.71×10^{-2}
DINOFLAGELLATES	6.95×10^{-2}
SILICOFLAGELLATES	3.66×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	1.18×10^{-1}
MICROZOOPLANKTON	4.02×10^{-1}
FAECAL PELLETS	5.85×10^{-2}

DATE: 21/ 8/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	17646268.656	33.45	33.45	.073	2.09	2.09
2.52	8.35	12179850.746	56.54	56.54	.102	4.99	4.99
3.17	16.77	9158208.955	73.91	73.91	.153	9.34	9.34
4.00	33.38	5422388.059	84.19	84.19	.181	14.49	14.49
5.04	66.76	3120149.253	90.10	90.10	.209	20.43	20.43
6.35	132.90	2212686.567	94.30	94.30	.296	28.84	28.84
8.00	267.01	1512686.567	97.17	97.17	.405	40.35	40.35
10.08	537.30	453731.343	98.03	98.03	.243	47.25	47.25
12.70	1068.23	138059.701	98.29	98.29	.148	51.46	51.46
16.00	2136.06	52238.805	98.39	98.39	.112	54.63	54.63
20.20	4298.42	12.835	98.39	.00	.128	58.27	3.63
25.40	8545.85	383582.089	99.12	.72	.135	62.10	7.46
32.00	17088.51	201492.537	99.50	1.10	.147	66.27	11.63
40.30	34132.61	109701.492	99.71	1.31	.208	72.18	17.54
50.80	68366.83	77611.940	99.85	.14	.244	79.10	6.92
64.00	136708.10	45522.388	99.94	.23	.144	83.19	11.01
80.60	273060.85	13432.835	99.97	.25	.240	90.00	17.82
101.60	553419.97	11194.029	99.99	.28	.096	92.73	20.55
128.00	1093664.77	2238.805	99.99	.28	.128	96.36	24.18
161.00	2184016.90	1492.537	99.99	.00	.128	99.99	3.63
203.00	4377906.30	746.268	100.00	.00	.000	99.99	3.63
TOTAL		52743296.416			3.522		

21/08/74 10.0 m

CARBON	338	mg m^{-3}
NITROGEN	35.0	mg m^{-3}
ATP	0.184	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.91×10^{-2}
FLAGELLATES	3.34×10^{-3}
DINOFLAGELLATES	1.11×10^{-1}
SILICOFLAGELLATES	2.82×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	1.47×10^{-1}
MICROZOOPLANKTON	4.60×10^{-1}
FAECAL PELLETS	2.76×10^{-2}

DATE: 21/ 8/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	16834328.358	41.87	41.87	.070	2.68	2.68
2.52	8.35	8748507.462	63.63	63.63	.073	5.48	5.48
3.17	16.77	7135074.626	81.37	81.37	.119	10.04	10.04
4.00	33.38	3402985.074	89.84	89.84	.114	14.39	14.39
5.04	66.76	1841791.044	94.42	94.42	.123	19.11	19.11
6.35	132.90	1099253.731	97.15	97.15	.147	24.73	24.73
8.00	267.01	670149.253	98.82	98.82	.179	31.59	31.59
10.08	537.30	273134.328	99.50	99.50	.146	37.18	37.18
12.70	1068.23	100746.268	99.75	99.75	.108	41.30	41.30
16.00	2136.06	46918.604	99.87	99.87	.100	45.12	45.12
20.20	4298.42	23372.093	99.92	.05	.100	48.94	3.81
25.40	8545.85	10930.232	99.95	.08	.094	52.53	7.40
32.00	17088.51	5058.139	99.96	.09	.087	55.85	10.73
40.30	34132.61	5465.116	99.98	.11	.188	63.03	17.90
50.80	68366.83	3604.651	99.99	.00	.248	72.50	9.46
64.00	136708.10	2325.581	99.99	.01	.320	84.72	21.68
80.60	273060.85	639.534	99.99	.01	.176	91.44	28.40
101.60	553419.97	174.418	99.99	.01	.096	95.11	32.07
128.00	1093664.77	116.279	100.00	.01	.128	99.99	36.96
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		40204574.799			2.618		

21/08/74 15.0 m

CARBON	383	mg m^{-3}
NITROGEN	31.0	mg m^{-3}
ATP	0.354	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.02×10^{-2}
FLAGELLATES	1.07×10^{-3}
DINOFLAGELLATES	3.21×10^{-1}
SILICOFLAGELLATES	2.41×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	3.45×10^{-1}
MICROZOOPLANKTON	8.78×10^{-1}
FAECAL PELLETS	6.53×10^{-2}

DATE: 21/ 8/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12970895.522	41.73	41.73	.054	3.42	3.42
2.52	8.35	8382835.820	68.70	68.70	.070	7.86	7.86
3.17	16.77	4832835.820	84.25	84.25	.080	12.97	12.97
4.00	33.38	2620895.522	92.69	92.69	.087	18.51	18.51
5.04	66.76	1162686.567	96.43	96.43	.077	23.43	23.43
6.35	132.90	514925.373	98.08	98.08	.069	27.79	27.79
8.00	267.01	297014.925	99.04	99.04	.079	32.82	32.82
10.08	537.30	135820.895	99.48	99.48	.072	37.42	37.42
12.70	1068.23	86567.164	99.76	99.76	.092	43.28	43.28
16.00	2136.06	36918.604	99.87	99.87	.079	48.27	48.27
20.20	4298.42	16627.906	99.93	.05	.071	52.75	4.48
25.40	8545.85	9883.720	99.96	.08	.085	58.12	9.85
32.00	17088.51	4360.465	99.97	.09	.075	62.86	14.58
40.30	34132.61	3023.255	99.98	.10	.104	69.43	21.15
50.80	68366.83	1918.604	99.99	.00	.132	77.76	8.33
64.00	136708.10	930.232	99.99	.00	.128	85.85	16.42
80.60	273060.85	697.674	99.99	.01	.192	97.97	28.54
101.60	553419.97	58.139	100.00	.01	.032	99.99	30.56
128.00	1093664.77	.000	100.00	.01	.000	99.99	.00
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000		
TOTAL		31078896.215			1.583		

21/08/74 20.0 m

CARBON	177	mg m^{-3}
NITROGEN	22.0	mg m^{-3}
ATP	0.0328	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.60×10^{-3}
FLAGELLATES	4.98×10^{-4}
DINOFLAGELLATES	1.65×10^{-2}
SILICOFLAGELLATES	6.09×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	1.92×10^{-2}
MICROZOOPLANKTON	1.20×10^{-1}
FAECAL PELLETS	2.88×10^{-2}

DATE: 21/ 8/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10425373.134	51.06	51.06	.043	3.90	3.90
2.52	8.35	5461940.298	77.81	77.81	.045	7.99	7.99
3.17	16.77	2186567.164	88.52	88.52	.036	11.26	11.26
4.00	33.38	1134328.358	94.07	94.07	.038	14.66	14.66
5.04	66.76	589552.238	96.96	96.96	.039	18.20	18.20
6.35	132.90	288059.701	98.37	98.37	.038	21.65	21.65
8.00	267.01	161940.298	99.17	99.17	.043	25.54	25.54
10.08	537.30	88805.970	99.60	99.60	.047	29.80	29.80
12.70	1068.23	32835.820	99.76	99.76	.035	32.95	32.95
16.00	2136.06	20895.522	99.86	99.86	.044	36.96	36.96
20.20	4298.42	9701.492	99.91	.04	.041	40.68	3.72
25.40	8545.85	5223.880	99.94	.07	.044	44.69	7.73
32.00	17088.51	8837.209	99.98	.11	.152	58.29	21.33
40.30	34132.61	1220.930	99.99	.12	.042	62.05	25.09
50.80	68366.83	697.674	99.99	.00	.048	66.35	4.29
64.00	136708.10	406.976	99.99	.00	.056	71.36	9.30
80.60	273060.85	465.116	99.99	.00	.128	82.81	20.76
101.60	553419.97	116.279	99.99	.00	.064	88.54	26.49
128.00	1093664.77	116.279	100.00	.00	.128	99.99	37.94
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		20417084.344			1.117		

21/08/74 30.0 m

CARBON	132	mg m^{-3}
NITROGEN	15.0	mg m^{-3}
ATP	0.0628	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.74×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	5.64×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	6.01×10^{-3}
MICROZOOPLANKTON	1.23×10^{-2}
FAECAL PELLETS	0.0

DATE: 21/ 8/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	8969402.985	49.20	49.20	.037	3.11	3.11
2.52	8.35	4961194.029	76.41	76.41	.041	6.56	6.56
3.17	16.77	2076119.402	87.80	87.80	.034	9.44	9.44
4.00	33.38	1081343.283	93.73	93.73	.036	12.45	12.45
5.04	66.76	536567.164	96.67	96.67	.035	15.43	15.43
6.35	132.90	283582.089	98.23	98.23	.038	18.59	18.59
8.00	267.01	141791.044	99.01	99.01	.038	21.75	21.75
10.08	537.30	77611.940	99.43	99.43	.041	25.21	25.21
12.70	1068.23	55970.149	99.74	99.74	.060	30.19	30.19
16.00	2136.06	23837.209	99.87	99.87	.051	34.43	34.43
20.20	4298.42	10755.813	99.93	.05	.046	38.25	3.82
25.40	8545.85	4651.162	99.95	.08	.040	41.58	7.14
32.00	17088.51	2616.279	99.97	.09	.045	45.32	10.88
40.30	34132.61	2034.883	99.98	.11	.070	51.13	16.70
50.80	68366.83	872.093	99.98	.00	.060	56.12	4.98
64.00	136708.10	1046.511	99.99	.01	.144	68.09	16.95
80.60	273060.85	348.837	99.99	.01	.096	76.06	24.92
101.60	553419.97	406.976	99.99	.01	.224	94.68	43.54
128.00	1093664.77	58.139	100.00	.01	.064	99.99	48.86
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		18230209.995			1.203		

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21/08/74 40.0 m

CARBON	130	mg m^{-3}
NITROGEN	13.0	mg m^{-3}
ATP	0.0512	mg m^{-3}

	VOLUME (PPM)
DIATOMS	9.50×10^{-4}
FLAGELLATES	1.29×10^{-4}
DINOFLAGELLATES	5.07×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.59×10^{-3}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 21/ 8/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11163432.835	49.08	49.08	.046	4.08	4.08
2.52	8.35	5914179.104	75.09	75.09	.049	8.41	8.41
3.17	16.77	2716417.910	87.03	87.03	.045	12.40	12.40
4.00	33.38	1558955.223	93.89	93.89	.052	16.96	16.96
5.04	66.76	726865.671	97.08	97.08	.048	21.23	21.23
6.35	132.90	336567.164	98.56	98.56	.045	25.17	25.17
8.00	267.01	167164.179	99.30	99.30	.044	29.09	29.09
10.08	537.30	75373.134	99.63	99.63	.040	32.63	32.63
12.70	1068.23	38059.701	99.80	99.80	.040	36.20	36.20
16.00	2136.06	21511.627	99.89	99.89	.046	40.22	40.22
20.20	4298.42	12674.418	99.95	.05	.054	44.95	4.72
25.40	8545.85	4825.581	99.97	.07	.041	48.54	8.31
32.00	17088.51	2093.023	99.98	.08	.036	51.69	11.46
40.30	34132.61	1744.186	99.99	.09	.060	56.94	16.71
50.80	68366.83	988.372	99.99	.00	.068	62.89	5.95
64.00	136708.10	406.976	99.99	.00	.056	67.79	10.85
80.60	273060.85	174.418	99.99	.00	.048	71.99	15.05
101.60	553419.97	465.116	99.99	.00	.256	94.39	37.45
128.00	1093664.77	58.139	100.00	.00	.064	99.99	43.05
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		22741956.784			1.142		

21/08/74 60.0 m

CARBON	148	mg m^{-3}
NITROGEN	19.0	mg m^{-3}
ATP	0.0120	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.79×10^{-5}
FLAGELLATES	0.0
DINOFLAGELLATES	2.87×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.93×10^{-3}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	0.0

DATE: 4/ 9/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	21399253.731	27.61	27.61	.089	1.61	1.61
2.52	8.35	13208208.955	44.66	44.66	.110	3.61	3.61
3.17	16.77	11363432.835	59.32	59.32	.190	7.05	7.05
4.00	33.38	9801492.537	71.97	71.97	.328	12.99	12.99
5.04	66.76	10597761.194	85.65	85.65	.710	25.82	25.82
6.35	132.90	6302238.805	93.78	93.78	.844	41.08	41.08
8.00	267.01	3323880.597	98.07	98.07	.890	57.18	57.18
10.08	537.30	961940.298	99.31	99.31	.515	66.50	66.50
12.70	1068.23	294776.119	99.69	99.69	.316	72.21	72.21
16.00	2136.06	150000.000	99.89	99.89	.321	78.02	78.02
20.20	4298.42	40298.507	99.94	.05	.172	81.15	3.12
25.40	8545.85	16417.910	99.96	.07	.140	83.69	5.66
32.00	17088.51	16279.069	99.98	.09	.280	88.75	10.72
40.30	34132.61	7965.116	99.99	.10	.274	93.71	15.68
50.80	68366.83	1569.767	99.99	.00	.108	95.66	1.95
64.00	136708.10	465.116	99.99	.00	.064	96.81	3.10
80.60	273060.85	174.418	99.99	.00	.048	97.68	3.97
101.60	553419.97	116.279	99.99	.00	.064	98.84	5.13
128.00	1093664.77	58.139	99.99	.00	.064	99.99	6.28
161.00	2184016.90	.000	99.99	.00	.000	99.99	.00
203.00	4377906.30	.000			.000		.00
TOTAL		77486329.398			5.532		

04/09/74 0 m

CARBON	536	mg m^{-3}
NITROGEN	84.0	mg m^{-3}
ATP	4.200	mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.27×10^{-3}
FLAGELLATES	4.29×10^{-3}
DINOFLAGELLATES	9.44×10^{-2}
SILICOFLAGELLATES	4.22×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	1.07×10^{-1}
MICROZOOPLANKTON	5.89×10^{-1}
FAECAL PELLETS	0.0

DATE: 4/ 9/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	30888805.970	30.31	30.31	.129	1.87	1.87
2.52	8.35	17920895.522	47.89	47.89	.150	4.05	4.05
3.17	16.77	14690298.507	62.31	62.31	.246	7.62	7.62
4.00	33.38	12517164.179	74.59	74.59	.419	13.71	13.71
5.04	66.76	13884328.358	88.22	88.22	.930	27.21	27.21
6.35	132.90	6887313.432	94.98	94.98	.922	40.61	40.61
8.00	267.01	3779850.746	98.69	98.69	1.013	55.32	55.32
10.08	537.30	785820.895	99.46	99.46	.421	61.43	61.43
12.70	1068.23	277325.581	99.73	99.73	.298	65.76	65.76
16.00	2136.06	179069.767	99.90	99.90	.385	71.35	71.35
20.20	4298.42	38546.511	99.94	.03	.165	73.75	2.39
25.40	8545.85	24941.860	99.97	.06	.214	76.85	5.50
32.00	17088.51	14186.046	99.98	.07	.244	80.40	9.04
40.30	34132.61	7965.116	99.99	.08	.274	84.37	13.02
50.80	68366.83	3430.232	99.99	.00	.236	87.80	3.42
64.00	136708.10	2034.883	99.99	.00	.280	91.86	7.49
80.60	273060.85	872.093	99.99	.00	.240	95.35	10.97
101.60	553419.97	232.558	99.99	.00	.128	97.21	12.83
128.00	1093664.77	58.139	100.00	.00	.064	98.14	13.76
161.00	2184016.90	58.139	100.00	.00	.128	99.99	1.85
203.00	4377906.30	.000			.000	99.99	1.85
TOTAL		101903198.536			6.887		

04/09/74	2.5 m	
CARBON	434	mg m^{-3}
NITROGEN	66.0	mg m^{-3}
ATP	2.287	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.61×10^{-3}
FLAGELLATES	1.17×10^{-3}
DINOFLAGELLATES	1.70×10^{-1}
SILICOFLAGELLATES	1.10×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	1.78×10^{-1}
MICROZOOPLANKTON	8.29×10^{-1}
FAECAL PELLETS	4.15×10^{-3}

DATE: 4/ 9/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	29363432.835	38.09	38.09			
2.52	8.35	14808955.223	57.30	57.30	.122	2.46	2.46
3.17	16.77	11288805.970	71.95	71.95	.124	4.95	4.95
4.00	33.38	7802985.074	82.07	82.07	.189	8.75	8.75
5.04	66.76	6243283.582	90.17	90.17	.261	14.00	14.00
6.35	132.90	3655970.149	94.92	94.92	.418	22.40	22.40
8.00	267.01	1967910.447	97.47	97.47	.489	32.23	32.23
10.08	537.30	1350746.268	99.22	99.22	.527	42.83	42.83
12.70	1068.23	359360.465	99.69	99.69	.724	57.36	57.36
16.00	2136.06	154244.186	99.89	99.89	.386	65.11	65.11
20.20	4298.42	42790.697	99.94	.05	.331	71.76	71.76
25.40	8545.85	17500.000	99.97	.07	.184	75.46	3.69
32.00	17088.51	10232.558	99.98	.09	.150	78.47	6.70
40.30	34132.61	8604.651	99.99	.10	.176	82.00	10.24
50.80	68366.83	1976.744	99.99	.00	.296	87.95	16.18
64.00	136708.10	1511.627	99.99	.00	.136	90.68	2.73
80.60	273060.85	465.116	99.99	.00	.208	94.85	6.90
101.60	553419.97	.000	99.99	.00	.128	97.42	9.47
128.00	1093664.77	116.279	99.99	.00	.000	97.42	9.47
161.00	2184016.90	.000	99.99	.00	.128	99.99	12.04
203.00	4377906.30	.000	99.99	.00	.000	99.99	.00
TOTAL		77078891.876			.000	99.99	.00
					4.979		

04/09/74 5.0 m

CARBON	426	mg m^{-3}
NITROGEN	71.0	mg m^{-3}
ATP	1.612	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.26×10^{-3}
FLAGELLATES	6.35×10^{-4}
DINOFLAGELLATES	1.02×10^{-1}
SILICOFLAGELLATES	2.45×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	1.10×10^{-1}
MICROZOOPLANKTON	9.97×10^{-1}
FAECAL PELLETS	2.16×10^{-2}

DATE: 4/ 9/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	19763432.835	42.68	42.68	.082	4.28	4.28
2.52	8.35	11105970.149	66.67	66.67	.093	9.09	9.09
3.17	16.77	7714179.104	83.33	83.33	.129	15.78	15.78
4.00	33.38	3461194.029	90.81	90.81	.115	21.78	21.78
5.04	66.76	2170149.253	95.49	95.49	.145	29.31	29.31
6.35	132.90	1170149.253	98.02	98.02	.156	37.43	37.43
8.00	267.01	568656.716	99.25	99.25	.152	45.32	45.32
10.08	537.30	188059.701	99.66	99.66	.100	50.54	50.54
12.70	1068.23	69402.985	99.81	99.81	.074	54.39	54.39
16.00	2136.06	43283.582	99.90	99.90	.092	59.20	59.20
20.20	4298.42	20755.813	99.94	.04	.089	63.80	4.60
25.40	8545.85	9011.627	99.96	.06	.077	67.79	8.59
32.00	17088.51	6744.186	99.98	.07	.116	73.80	14.60
40.30	34132.61	5174.418	99.99	.09	.178	83.01	23.81
50.80	68366.83	1976.744	99.99	.00	.136	90.05	7.04
64.00	136708.10	697.674	99.99	.00	.096	95.02	12.01
80.60	273060.85	232.558	99.99	.00	.064	98.34	15.32
101.60	553419.97	58.139	100.00	.00	.032	99.99	16.98
128.00	1093664.77	.000	100.00	.00	.000	99.99	16.98
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		46299128.773			1.931		

04/09/74 10.0 m

CARBON	313	mg m^{-3}
NITROGEN	43.0	mg m^{-3}
ATP	0.271	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.52×10^{-3}
FLAGELLATES	1.74×10^{-4}
DINOFLAGELLATES	2.55×10^{-2}
SILICOFLAGELLATES	2.73×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	3.19×10^{-2}
MICROZOOPLANKTON	3.95×10^{-1}
FAECAL PELLETS	1.50×10^{-2}

DATE: 4/ 9/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	18525373.134	43.39	43.39	.077	3.88	3.88
2.52	8.35	9876119.402	66.52	66.52	.082	8.02	8.02
3.17	16.77	7228358.208	83.45	83.45	.121	14.08	14.08
4.00	33.38	3394776.119	91.40	91.40	.113	19.77	19.77
5.04	66.76	1902985.074	95.86	95.86	.127	26.16	26.16
6.35	132.90	957462.686	98.10	98.10	.128	32.58	32.58
8.00	267.01	417910.447	99.08	99.08	.112	38.19	38.19
10.08	537.30	191044.776	99.53	99.53	.102	43.32	43.32
12.70	1068.23	107462.686	99.78	99.78	.115	49.09	49.09
16.00	2136.06	41791.044	99.88	99.88	.089	53.58	53.58
20.20	4298.42	21641.791	99.93	.05	.092	58.23	4.64
25.40	8545.85	12790.697	99.96	.08	.110	63.74	10.15
32.00	17088.51	6511.627	99.98	.09	.112	69.34	15.76
40.30	34132.61	4069.767	99.99	.10	.140	76.36	22.77
50.80	68366.83	2209.302	99.99	.00	.152	83.97	7.61
64.00	136708.10	930.232	99.99	.00	.128	90.38	14.02
80.60	273060.85	465.116	99.99	.00	.128	96.79	20.43
101.60	553419.97	116.279	100.00	.00	.064	99.99	23.63
128.00	1093664.77	.000	100.00	.00	.000	99.99	23.63
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		42692018.395			1.996		

04/09/74 15.0 m

CARBON	188	mg m^{-3}
NITROGEN	25.0	mg m^{-3}
ATP	0.237	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.68×10^{-3}
FLAGELLATES	1.06×10^{-3}
DINOFLAGELLATES	1.34×10^{-2}
SILICOFLAGELLATES	4.26×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	1.76×10^{-2}
MICROZOOPLANKTON	2.28×10^{-1}
FAECAL PELLETS	6.74×10^{-3}

DATE: 4/ 9/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	15743283.582	44.97	44.97	.065	3.73	3.73
2.52	8.35	8361194.029	68.85	68.85	.070	7.71	7.71
3.17	16.77	5831343.283	85.51	85.51	.097	13.24	13.24
4.00	33.38	2479104.477	92.59	92.59	.083	17.95	17.95
5.04	66.76	1302238.805	96.31	96.31	.087	22.90	22.90
6.35	132.90	679104.477	98.25	98.25	.091	28.06	28.06
8.00	267.01	314925.373	99.15	99.15	.084	32.85	32.85
10.08	537.30	148507.462	99.57	99.57	.079	37.37	37.37
12.70	1068.23	77611.940	99.79	99.79	.083	42.09	42.09
16.00	2136.06	30597.014	99.88	99.88	.065	45.81	45.81
20.20	4298.42	19476.744	99.94	.05	.083	50.52	4.70
25.40	8545.85	8081.395	99.96	.07	.069	54.43	8.62
32.00	17088.51	4941.860	99.98	.09	.085	59.26	13.44
40.30	34132.61	3313.953	99.98	.10	.114	65.73	19.91
50.80	68366.83	1802.325	99.99	.00	.124	72.76	7.03
64.00	136708.10	1046.511	99.99	.00	.144	80.93	15.20
80.60	273060.85	755.813	99.99	.01	.208	92.73	27.00
101.60	553419.97	.000	99.99	.01	.000	92.73	27.00
128.00	1093664.77	.000	99.99	.01	.000	92.73	27.00
161.00	2184016.90	58.139	100.00	.00	.128	99.99	7.26
203.00	4377906.30	.000	100.00	.00	.000	99.99	7.26
TOTAL		35007387.190			1.762		

04/09/74	20.0 m	
CARBON	348	mg m^{-3}
NITROGEN	32.0	mg m^{-3}
ATP	0.315	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.33×10^{-1}
FLAGELLATES	0.0
DINOFLAGELLATES	4.86×10^{-3}
SILICOFLAGELLATES	2.96×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	2.38×10^{-1}
MICROZOOPLANKTON	1.51×10^{-1}
FAECAL PELLETS	1.41×10^{-2}

DATE: 4/ 9/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	23810447.761	51.01	51.01	.099	5.09	5.09
2.52	8.35	11024626.865	74.64	74.64	.092	9.80	9.80
3.17	16.77	6164925.373	87.85	87.85	.103	15.07	15.07
4.00	33.38	2753731.343	93.75	93.75	.092	19.77	19.77
5.04	66.76	1387313.432	96.72	96.72	.092	24.52	24.52
6.35	132.90	688805.970	98.20	98.20	.092	29.23	29.23
8.00	267.01	389552.238	99.03	99.03	.104	34.56	34.56
10.08	537.30	192537.313	99.44	99.44	.103	39.83	39.83
12.70	1068.23	109701.492	99.68	99.68	.117	45.83	45.83
16.00	2136.06	84328.358	99.86	99.86	.180	55.06	55.06
20.20	4298.42	41104.651	99.95	.08	.176	64.05	8.98
25.40	8545.85	13779.069	99.98	.11	.118	70.08	15.01
32.00	17088.51	4418.604	99.99	.12	.076	73.96	18.89
40.30	34132.61	2267.441	99.99	.13	.078	77.94	22.87
50.80	68366.83	813.953	99.99	.00	.056	80.80	2.85
64.00	136708.10	174.418	99.99	.00	.024	82.02	4.08
80.60	273060.85	232.558	99.99	.00	.064	85.29	7.35
101.60	553419.97	58.139	99.99	.00	.032	86.92	8.98
128.00	1093664.77	116.279	99.99	.00	.128	93.46	15.52
161.00	2184016.90	58.139	100.00	.00	.128	99.99	6.53
203.00	4377906.30	.000	100.00	.00	.000	99.99	6.53
TOTAL		46668993.404			1.958		

04/09/74 30.0 m

CARBON	216	mg m^{-3}
NITROGEN	23.0	mg m^{-3}
ATP	0.265	mg m^{-3}

	VOLUME (PPM)
DIATOMS	6.66×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	6.66×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.33×10^{-2}
MICROZOOPLANKTON	1.11×10^{-1}
FAECAL PELLETS	0.0

DATE: 4/ 9/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12858955.223	53.70	53.70	.053	2.93	2.93
2.52	8.35	5345522.388	76.03	76.03	.044	5.36	5.36
3.17	16.77	3527611.940	90.76	90.76	.059	8.58	8.58
4.00	33.38	1147761.194	95.55	95.55	.038	10.67	10.67
5.04	66.76	563432.835	97.91	97.91	.037	12.73	12.73
6.35	132.90	264925.373	99.01	99.01	.035	14.66	14.66
8.00	267.01	104477.611	99.45	99.45	.028	16.19	16.19
10.08	537.30	57462.686	99.69	99.69	.030	17.87	17.87
12.70	1068.23	32089.552	99.82	99.82	.034	19.74	19.74
16.00	2136.06	12686.567	99.88	99.88	.027	21.23	21.23
20.20	4298.42	8081.395	99.91	.03	.034	23.08	1.85
25.40	8545.85	4360.465	99.93	.05	.037	25.10	3.87
32.00	17088.51	3720.930	99.95	.06	.064	28.59	7.35
40.30	34132.61	4244.186	99.96	.08	.146	36.54	15.31
50.80	68366.83	3430.232	99.98	.01	.236	49.41	12.86
64.00	136708.10	2441.860	99.99	.02	.336	67.72	31.18
80.60	273060.85	1337.209	99.99	.03	.368	87.78	51.24
101.60	553419.97	406.976	100.00	.03	.224	99.99	63.45
128.00	1093664.77	.000	100.00	.03	.000	99.99	63.45
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		23942948.628			1.834		

04/09/74 40.0 m

CARBON	128	mg m^{-3}
NITROGEN	16.0	mg m^{-3}
ATP	0.115	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.20×10^{-5}
FLAGELLATES	0.0
DINOFLAGELLATES	9.55×10^{-6}
SILICOFLAGELLATES	1.92×10^{-5}
SUBTOTAL OF PHYTOPLANKTON	9.97×10^{-4}
MICROZOOPLANKTON	1.17×10^{-2}
FAECAL PELLETS	0.0

DATE: 4/ 9/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11423134.328	51.08	51.08	.047	4.25	4.25
2.52	8.35	4630597.014	71.78	71.78	.038	7.70	7.70
3.17	16.77	2968656.716	85.06	85.06	.049	12.13	12.13
4.00	33.38	1439552.238	91.50	91.50	.048	16.42	16.42
5.04	66.76	1117164.179	96.49	96.49	.074	23.09	23.09
6.35	132.90	400000.000	98.28	98.28	.053	27.86	27.86
8.00	267.01	289552.238	99.58	99.58	.077	34.78	34.78
10.08	537.30	57462.686	99.83	99.83	.030	37.52	37.52
12.70	1068.23	13432.835	99.89	99.89	.014	38.80	38.80
16.00	2136.06	8955.223	99.93	99.93	.019	40.52	40.52
20.20	4298.42	3731.343	99.95	.01	.016	41.94	1.42
25.40	8545.85	2985.074	99.96	.03	.025	44.22	3.70
32.00	17088.51	1511.627	99.97	.03	.026	46.54	6.02
40.30	34132.61	1744.186	99.98	.04	.060	51.88	11.36
50.80	68366.83	1918.604	99.99	.00	.132	63.64	11.76
64.00	136708.10	1104.651	99.99	.01	.152	77.19	25.30
80.60	273060.85	697.674	99.99	.01	.192	94.29	42.40
101.60	553419.97	116.279	100.00	.01	.064	99.99	48.11
128.00	1093664.77	.000	100.00	.01	.000	99.99	48.11
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		22362316.903			1.122		

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04/09/75 60.0 m

CARBON	174	mg m^{-3}
NITROGEN	24.0	mg m^{-3}
ATP	0.0201	mg m^{-3}

	VOLUME (PPM)
DIATOMS	6.65×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	5.47×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.21×10^{-3}
MICROZOOPLANKTON	1.24×10^{-2}
FAECAL PELLETS	0.0

DATE: 18/ 9/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	29555970.149	32.47	32.47	.123	1.68	1.68
2.52	8.35	23141044.776	57.90	57.90	.193	4.31	4.31
3.17	16.77	21393283.582	81.41	81.41	.358	9.19	9.19
4.00	33.38	7480597.014	89.63	89.63	.250	12.59	12.59
5.04	66.76	3540298.507	93.52	93.52	.237	15.82	15.82
6.35	132.90	2199253.731	95.93	95.93	.294	19.83	19.83
8.00	267.01	1788059.701	97.90	97.90	.479	26.34	26.34
10.08	537.30	627611.940	98.59	98.59	.336	30.92	30.92
12.70	1068.23	512686.567	99.15	99.15	.549	38.39	38.39
16.00	2136.06	401492.537	99.59	99.59	.860	50.10	50.10
20.20	4298.42	205988.372	99.82	.22	.885	62.13	12.03
25.40	8545.85	98139.534	99.93	.33	.844	73.61	23.51
32.00	17088.51	42558.139	99.97	.38	.732	83.57	33.46
40.30	34132.61	12441.860	99.99	.39	.428	89.39	39.28
50.80	68366.83	4709.302	99.99	.00	.324	93.79	4.40
64.00	136708.10	1104.651	99.99	.00	.152	95.86	6.47
80.60	273060.85	523.255	99.99	.00	.144	97.82	8.43
101.60	553419.97	174.418	99.99	.00	.096	99.12	9.73
128.00	1093664.77	58.139	100.00	.00	.064	99.99	10.60
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		91005996.180			7.353		

19/09/74 0 m

CARBON	474	mg m^{-3}
NITROGEN	78.0	mg m^{-3}
ATP	1.627	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.91
FLAGELLATES	1.64×10^{-2}
DINOFLAGELLATES	6.62×10^{-1}
SILICOFLAGELLATES	3.56×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	6.59
MICROZOOPLANKTON	2.08×10^{-1}
FAECAL PELLETS	0.0

DATE: 18/ 9/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	24225373.134	28.40	28.40	.101	1.74	1.74
2.52	8.35	26307462.686	59.24	59.24	.220	5.53	5.53
3.17	16.77	20221641.791	82.95	82.95	.338	11.35	11.35
4.00	33.38	6900000.000	91.03	91.03	.231	15.33	15.33
5.04	66.76	3353731.343	94.97	94.97	.224	19.19	19.19
6.35	132.90	1772388.059	97.04	97.04	.237	23.28	23.28
8.00	267.01	1209701.492	98.46	98.46	.324	28.85	28.85
10.08	537.30	366417.910	98.89	98.89	.196	32.23	32.23
12.70	1068.23	371641.791	99.33	99.33	.398	39.08	39.08
16.00	2136.06	282835.820	99.66	99.66	.606	49.51	49.51
20.20	4298.42	147093.023	99.83	.17	.632	60.38	10.87
25.40	8545.85	91046.511	99.94	.27	.783	73.85	24.33
32.00	17088.51	34651.162	99.98	.31	.596	84.10	34.58
40.30	34132.61	8953.488	99.99	.33	.308	89.40	39.88
50.80	68366.83	2674.418	99.99	.00	.184	92.56	3.16
64.00	136708.10	1162.790	99.99	.00	.160	95.32	5.91
80.60	273060.85	406.976	99.99	.00	.112	97.24	7.84
101.60	553419.97	290.697	100.00	.00	.160	99.99	10.59
128.00	1093664.77	.000	100.00	.00	.000	99.99	10.59
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		85297473.098			5.814		

18/09/74 2.5 m

CARBON	471	mg m^{-3}
NITROGEN	62.0	mg m^{-3}
ATP	1.522	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.82
FLAGELLATES	2.97×10^{-3}
DINOFLAGELLATES	3.05×10^{-2}
SILICOFLAGELLATES	6.74×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	1.86
MICROZOOPLANKTON	9.62×10^{-1}
FAECAL PELLETS	0.0

DATE: 18/ 9/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	25937313.432	29.65	29.65	.108	1.65	1.65
2.52	8.35	23850000.000	56.92	56.92	.199	4.69	4.69
3.17	16.77	20489552.238	80.35	80.35	.343	9.92	9.92
4.00	33.38	7349253.731	88.75	88.75	.246	13.67	13.67
5.04	66.76	3829850.746	93.13	93.13	.256	17.58	17.58
6.35	132.90	2450746.268	95.94	95.94	.328	22.58	22.58
8.00	267.01	1925373.134	98.14	98.14	.516	30.45	30.45
10.08	537.30	696268.656	98.93	98.93	.373	36.13	36.13
12.70	1068.23	385074.626	99.37	99.37	.412	42.42	42.42
16.00	2136.06	266337.209	99.68	99.68	.572	51.14	51.14
20.20	4298.42	138372.093	99.84	.15	.595	60.20	9.06
25.40	8545.85	78895.348	99.93	.24	.678	70.53	19.39
32.00	17088.51	39534.883	99.97	.29	.680	80.89	29.75
40.30	34132.61	13662.790	99.99	.30	.470	88.05	36.91
50.80	68366.83	5000.000	99.99	.00	.344	93.29	5.24
64.00	136708.10	639.534	99.99	.00	.088	94.63	6.58
80.60	273060.85	465.116	99.99	.00	.128	96.58	8.53
101.60	553419.97	58.139	99.99	.00	.032	97.07	9.01
128.00	1093664.77	174.418	99.99	.00	.192	99.99	11.94
161.00	2184016.90	.000	99.99	.00	.000	99.99	.00
203.00	4377906.30	.000	99.99	.00	.000	99.99	.00
TOTAL		87456572.370			6.563		

18/09/74 5.0 m

CARBON	441	mg m^{-3}
NITROGEN	75.0	mg m^{-3}
ATP	1.822	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.36
FLAGELLATES	0.0
DINOFLAGELLATES	5.62×10^{-1}
SILICOFLAGELLATES	3.32×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	1.93
MICROZOOPLANKTON	6.49×10^{-1}
FAECAL PELLETS	2.70×10^{-2}

DATE: 18/ 9/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12439552.238	39.07	39.07	.052	4.61	4.61
2.52	8.35	8117164.179	64.57	64.57	.067	10.64	10.64
3.17	16.77	6213432.835	84.09	84.09	.104	19.87	19.87
4.00	33.38	2796268.656	92.88	92.88	.093	28.18	28.18
5.04	66.76	1117164.179	96.39	96.39	.074	34.82	34.82
6.35	132.90	612686.567	98.31	98.31	.082	42.10	42.10
8.00	267.01	313432.835	99.30	99.30	.084	49.56	49.56
10.08	537.30	120895.522	99.68	99.68	.064	55.31	55.31
12.70	1068.23	58208.955	99.86	99.86	.062	60.85	60.85
16.00	2136.06	18656.716	99.92	99.92	.040	64.40	64.40
20.20	4298.42	11337.209	99.95	.03	.048	68.66	4.26
25.40	8545.85	6744.186	99.98	.05	.058	73.81	9.40
32.00	17088.51	3430.232	99.99	.06	.059	79.05	14.64
40.30	34132.61	1511.627	99.99	.07	.052	83.66	19.26
50.80	68366.83	697.674	99.99	.00	.048	87.92	4.26
64.00	136708.10	406.976	99.99	.00	.056	92.89	9.23
80.60	273060.85	174.418	99.99	.00	.048	97.15	13.49
101.60	553419.97	58.139	100.00	.00	.032	99.99	16.33
128.00	1093664.77	.000	100.00	.00	.000	99.99	16.33
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		31831823.151			1.126		

18/09/74 10.0 m

CARBON	305	mg m^{-3}
NITROGEN	33.0	mg m^{-3}
ATP	0.177	mg m^{-3}

	VOLUME (PPM)
DIATOMS	9.94×10^{-3}
FLAGELLATES	1.47×10^{-3}
DINOFLAGELLATES	1.82×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.96×10^{-2}
MICROZOOPLANKTON	9.59×10^{-1}
FAECAL PELLETS	0.0

DATE: 18/ 9/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	13813432.835	42.35	42.35	.057	4.50	4.50
2.52	8.35	8390298.507	68.07	68.07	.070	9.97	9.97
3.17	16.77	5644776.119	85.38	85.38	.094	17.34	17.34
4.00	33.38	2514179.104	93.09	93.09	.084	23.90	23.90
5.04	66.76	1186567.164	96.73	96.73	.079	30.10	30.10
6.35	132.90	532835.820	98.36	98.36	.071	35.67	35.67
8.00	267.01	273134.328	99.20	99.20	.073	41.37	41.37
10.08	537.30	135820.895	99.62	99.62	.072	47.05	47.05
12.70	1068.23	58208.955	99.79	99.79	.062	51.91	51.91
16.00	2136.06	38805.970	99.91	99.91	.083	58.40	58.40
20.20	4298.42	14925.373	99.96	.04	.064	63.39	4.98
25.40	8545.85	2985.074	99.97	.05	.025	65.38	6.98
32.00	17088.51	3837.209	99.98	.06	.066	70.53	12.12
40.30	34132.61	2500.000	99.99	.07	.086	77.23	18.83
50.80	68366.83	1569.767	99.99	.00	.108	85.65	8.41
64.00	136708.10	639.534	99.99	.00	.088	92.51	15.27
80.60	273060.85	232.558	99.99	.00	.064	97.50	20.26
101.60	553419.97	58.139	100.00	.00	.032	99.99	22.76
128.00	1093664.77	.000	100.00	.00	.000	99.99	22.76
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		32614807.357			1.282		

18/09/74	15.0 m	
CARBON	340	mg m^{-3}
NITROGEN	34.0	mg m^{-3}
ATP	0.0884	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.41×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	1.64×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.08×10^{-2}
MICROZOOPLANKTON	1.21×10^{-1}
FAECAL PELLETS	0.0

DATE: 18/ 9/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	15505223.880	38.38	38.38	.064	2.52	2.52
2.52	8.35	9611194.029	62.17	62.17	.080	5.65	5.65
3.17	16.77	8050746.268	82.11	82.11	.134	10.89	10.89
4.00	33.38	3556716.417	90.91	90.91	.119	15.52	15.52
5.04	66.76	1556716.417	94.76	94.76	.104	19.58	19.58
6.35	132.90	835074.626	96.83	96.83	.111	23.93	23.93
8.00	267.01	657462.636	98.46	98.46	.176	30.78	30.78
10.08	537.30	308955.223	99.22	99.22	.165	37.22	37.22
12.70	1068.23	120149.253	99.52	99.52	.128	42.23	42.23
16.00	2136.06	88805.970	99.74	99.74	.190	49.63	49.63
20.20	4298.42	44593.023	99.85	.11	.191	57.06	7.42
25.40	8545.85	33255.813	99.93	.19	.286	68.18	18.55
32.00	17088.51	17325.581	99.98	.23	.298	79.77	30.13
40.30	34132.61	4534.883	99.99	.24	.156	85.84	36.20
50.80	68366.83	1453.488	99.99	.00	.100	89.73	3.88
64.00	136708.10	639.534	99.99	.00	.088	93.15	7.31
80.60	273060.85	290.697	99.99	.00	.080	96.26	10.42
101.60	553419.97	174.418	100.00	.00	.096	99.99	14.15
128.00	1093664.77	.000	100.00	.00	.000	99.99	14.15
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		40393312.217			2.571		

18/09/74 20.0 m

CARBON	223	mg m^{-3}
NITROGEN	33.0	mg m^{-3}
ATP	0.0672	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.87×10^{-1}
FLAGELLATES	0.0
DINOFLAGELLATES	1.20×10^{-1}
SILICOFLAGELLATES	6.07×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	3.08×10^{-1}
MICROZOOPLANKTON	2.34×10^{-1}
FAECAL PELLETS	2.62×10^{-2}

DATE: 18/ 9/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9741791.044	48.11	48.11	.040	4.79	4.79
2.52	8.35	4746268.656	71.55	71.55	.039	9.47	9.47
3.17	16.77	3245522.388	87.58	87.58	.054	15.86	15.86
4.00	33.38	1152238.805	93.27	93.27	.038	20.41	20.41
5.04	66.76	609701.492	96.28	96.28	.040	25.22	25.22
6.35	132.90	325373.134	97.88	97.88	.043	30.35	30.35
8.00	267.01	217910.447	98.96	98.96	.058	37.23	37.23
10.08	537.30	96268.656	99.44	99.44	.051	43.31	43.31
12.70	1068.23	59701.492	99.73	99.73	.064	50.85	50.85
16.00	2136.06	29104.477	99.87	99.87	.062	58.20	58.20
20.20	4298.42	14179.104	99.94	.07	.060	65.36	7.16
25.40	8545.85	5116.279	99.97	.09	.044	70.55	12.34
32.00	17088.51	2441.860	99.98	.10	.042	75.49	17.29
40.30	34132.61	1395.348	99.99	.11	.048	81.15	22.94
50.80	68366.83	697.674	99.99	.00	.048	86.80	5.65
64.00	136708.10	348.837	99.99	.00	.048	92.46	11.30
80.60	273060.85	116.279	99.99	.00	.032	96.23	15.07
101.60	553419.97	58.139	100.00	.00	.032	99.99	18.84
128.00	1093664.77	.000	100.00	.00	.000	99.99	18.84
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		20248234.119			.848		

18/09/74 30.0 m

CARBON	147	mg m^{-3}
NITROGEN	16.0	mg m^{-3}
ATP	0.0540	mg m^{-3}

	VOLUME (PPM)
DIATOMS	9.62×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	2.24×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.19×10^{-7}
MICROZOOPLANKTON	3.99×10^{-2}
FAECAL PELLETS	8.35×10^{-3}

DATE: 18/ 9/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9653731.343	53.11	53.11	.040	4.04	4.04
2.52	8.35	3908208.955	74.61	74.61	.032	7.32	7.32
3.17	16.77	2863432.835	90.37	90.37	.047	12.11	12.11
4.00	33.38	873880.597	95.18	95.18	.029	15.04	15.04
5.04	66.76	466417.910	97.74	97.74	.031	18.16	18.16
6.35	132.90	198507.462	98.84	98.84	.026	20.83	20.83
8.00	267.01	107462.686	99.43	99.43	.028	23.71	23.71
10.08	537.30	48507.462	99.69	99.69	.026	26.32	26.32
12.70	1068.23	24626.865	99.83	99.83	.026	28.96	28.96
16.00	2136.06	16417.910	99.92	99.92	.035	32.49	32.49
20.20	4298.42	5223.880	99.95	.02	.022	34.73	2.24
25.40	8545.85	2985.074	99.96	.04	.025	37.29	4.80
32.00	17088.51	1744.186	99.97	.05	.030	40.30	7.81
40.30	34132.61	1046.511	99.98	.06	.036	43.91	11.41
50.80	68366.83	930.232	99.99	.00	.064	50.32	6.41
64.00	136708.10	1162.790	99.99	.01	.160	66.34	22.43
80.60	273060.85	290.697	99.99	.01	.080	74.35	30.44
101.60	553419.97	116.279	99.99	.01	.064	80.76	36.85
128.00	1093664.77	174.418	100.00	.01	.192	99.99	56.08
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		18174868.100			.998		

18/09/74	40.0 m	
CARBON	150	mg m^{-3}
NITROGEN	16.0	mg m^{-3}
ATP	0.0388	mg m^{-3}

	VOLUME (PPM)
DIATOMS	6.81×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	1.80×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	8.61×10^{-3}
MICROZOOPLANKTON	7.80×10^{-3}
FAECAL PELLETS	3.25×10^{-3}

DATE: 18/ 9/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	59473134.328	74.97	74.97	.249	23.99	23.99
2.52	8.35	11188059.701	89.08	89.08	.093	33.02	33.02
3.17	16.77	4645522.388	94.93	94.93	.077	40.52	40.52
4.00	33.38	1875373.134	97.30	97.30	.062	46.57	46.57
5.04	66.76	985074.626	98.54	98.54	.066	52.93	52.93
6.35	132.90	726865.671	99.46	99.46	.097	62.32	62.32
8.00	267.01	315671.641	99.85	99.85	.084	70.47	70.47
10.08	537.30	54477.611	99.92	99.92	.029	73.28	73.28
12.70	1068.23	26865.671	99.96	99.96	.028	76.06	76.06
16.00	2136.06	17910.447	99.98	99.98	.038	79.76	79.76
20.20	4298.42	6686.046	99.99	.00	.028	82.46	2.69
25.40	8545.85	2906.976	99.99	.01	.025	84.87	5.10
32.00	17088.51	988.372	99.99	.01	.017	86.50	6.74
40.30	34132.61	930.232	99.99	.01	.032	89.59	9.82
50.80	68366.83	872.093	99.99	.00	.060	95.37	5.78
64.00	136708.10	232.558	99.99	.00	.032	98.45	8.86
80.60	273060.85	58.139	100.00	.00	.016	99.99	10.40
101.60	553419.97	.000	100.00	.00	.000	99.99	10.40
128.00	1093664.77	.000	100.00	.00	.000	99.99	10.40
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		79321629.641			1.037		

18/09/74 60.0 m

CARBON	129	mg m^{-3}
NITROGEN	15.0	mg m^{-3}
ATP	0.0120	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.13×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	4.08×10^{-3}
SILICOFLAGELLATES	4.69×10^{-5}
SUBTOTAL OF PHYTOPLANKTON	7.26×10^{-3}
MICROZOOPLANKTON	8.60×10^{-3}
FAECAL PELLETS	0.0

DATE: 2/10/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	27249253.731	43.56	43.56	.114	2.15	2.15
2.52	8.35	12079850.746	62.87	62.87	.101	4.06	4.06
3.17	16.77	8735074.626	76.83	76.83	.146	6.82	6.82
4.00	33.38	5362686.567	85.40	85.40	.179	10.21	10.21
5.04	66.76	3840298.507	91.54	91.54	.257	15.06	15.06
6.35	132.90	2317910.447	95.25	95.25	.310	20.92	20.92
8.00	267.01	1955223.880	98.37	98.37	.524	30.81	30.81
10.08	537.30	618656.716	99.36	99.36	.331	37.07	37.07
12.70	1068.23	154477.611	99.61	99.61	.165	40.19	40.19
16.00	2136.06	137848.837	99.83	99.83	.296	45.78	45.78
20.20	4298.42	27034.883	99.87	.04	.116	47.97	2.18
25.40	8545.85	29418.604	99.92	.09	.253	52.74	6.96
32.00	17088.51	27674.418	99.96	.13	.476	61.73	15.94
40.30	34132.61	9302.325	99.98	.14	.320	67.76	21.98
50.80	68366.83	5639.534	99.99	.00	.388	75.09	7.32
64.00	136708.10	2848.837	99.99	.01	.392	82.48	14.71
80.60	273060.85	1395.348	99.99	.01	.384	89.73	21.96
101.60	553419.97	872.093	99.99	.01	.480	98.79	31.02
128.00	1093664.77	58.139	100.00	.01	.064	99.99	32.23
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		62555525.858			5.299		

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02/10/74 0.0 m

CARBON	408	mg m^{-3}
NITROGEN	74.0	mg m^{-3}
ATP	0.405	mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.99×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	2.53×10^{-1}
SILICOFLAGELLATES	2.51×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	2.63×10^{-1}
MICROZOOPLANKTON	6.80×10^{-1}
FAECAL PELLETS	0.0

DATE: 2/10/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	29076865.671	43.23	43.23	.121	2.64	2.64
2.52	8.35	14997014.925	65.53	65.53	.125	5.37	5.37
3.17	16.77	9755970.149	80.04	80.04	.163	8.93	8.93
4.00	33.38	5550000.000	88.29	88.29	.185	12.97	12.97
5.04	66.76	3802238.805	93.95	93.95	.254	18.51	18.51
6.35	132.90	2161940.298	97.16	97.16	.289	24.81	24.81
8.00	267.01	1229104.477	98.99	98.99	.329	31.98	31.98
10.08	537.30	313432.835	99.46	99.46	.168	35.64	35.64
12.70	1068.23	92906.976	99.59	99.59	.099	37.79	37.79
16.00	2136.06	134127.906	99.79	99.79	.288	44.06	44.06
20.20	4298.42	23895.348	99.83	.03	.102	46.27	2.21
25.40	8545.85	51976.744	99.91	.11	.447	56.00	11.94
32.00	17088.51	40755.813	99.97	.17	.701	71.24	27.18
40.30	34132.61	11337.209	99.98	.19	.390	79.72	35.66
50.80	68366.83	4476.744	99.99	.00	.308	86.42	6.69
64.00	136708.10	1162.790	99.99	.00	.160	89.90	10.17
80.60	273060.85	872.093	99.99	.00	.240	95.12	15.39
101.60	553419.97	406.976	100.00	.01	.224	99.99	20.27
128.00	1093664.77	.000	100.00	.01	.000	99.99	20.27
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		67248485.768			4.597		

02/10/74 2.5 m

CARBON	401	mg m^{-3}
NITROGEN	63.0	mg m^{-3}
ATP	1.590	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.54×10^{-3}
FLAGELLATES	2.72×10^{-4}
DINOFLAGELLATES	3.24×10^{-1}
SILICOFLAGELLATES	1.31×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	3.30×10^{-1}
MICROZOOPLANKTON	6.85×10^{-1}
FAECAL PELLETS	0.0

DATE: 2/10/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per 1	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	18328358.208	16.21	16.21	.076	1.48	1.48
2.52	8.35	79902985.074	86.91	86.91	.066	2.77	2.77
3.17	16.77	6360447.761	92.54	92.54	.106	4.82	4.82
4.00	33.38	3366417.910	95.52	95.52	.112	7.00	7.00
5.04	66.76	2241044.776	97.50	97.50	.150	9.89	9.89
6.35	132.90	1413432.835	98.75	98.75	.189	13.55	13.55
8.00	267.01	829104.477	99.48	99.48	.222	17.84	17.84
10.08	537.30	294776.119	99.74	99.74	.158	20.88	20.88
12.70	1068.23	119402.985	99.85	99.85	.128	23.35	23.35
16.00	2136.06	50746.268	99.89	99.89	.108	25.45	25.45
20.20	4298.42	29104.477	99.92	.02	.124	27.86	2.40
25.40	8545.85	35872.093	99.95	.05	.308	33.81	8.35
32.00	17088.51	19069.767	99.97	.07	.328	40.14	14.68
40.30	34132.61	14127.906	99.98	.08	.486	49.51	24.05
50.80	68366.83	8372.093	99.99	.00	.576	60.63	11.11
64.00	136708.10	4011.627	99.99	.01	.552	71.28	21.76
80.60	273060.85	2267.441	99.99	.01	.624	83.32	33.80
101.60	553419.97	872.093	99.99	.01	.480	92.58	43.07
128.00	1093664.77	232.558	99.99	.01	.256	97.52	48.01
161.00	2184016.90	58.139	100.00	.00	.128	99.99	2.47
203.00	4377906.30	.000	100.00	.00	.000	99.99	2.47
TOTAL		113020704.608			5.182		

02/10/74 5.0 m

CARBON	372	mg m^{-3}
NITROGEN	60.0	mg m^{-3}
ATP	1.890	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.87×10^{-3}
FLAGELLATES	8.40×10^{-3}
DINOFLAGELLATES	8.99×10^{-1}
SILICOFLAGELLATES	1.59×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	9.11×10^{-1}
MICROZOOPLANKTON	2.44×10^{-1}
FAECAL PELLETS	0.0

DATE: 2/10/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	14312686.567	43.68	43.68	.059	2.71	2.71
2.52	8.35	7323134.328	66.04	66.04	.061	5.50	5.50
3.17	16.77	4629104.477	80.17	80.17	.077	9.02	9.02
4.00	33.38	2767910.447	88.62	88.62	.092	13.23	13.23
5.04	66.76	1835074.626	94.22	94.22	.122	18.81	18.81
6.35	132.90	1026865.671	97.35	97.35	.137	25.05	25.05
8.00	267.01	490298.507	98.85	98.85	.131	31.02	31.02
10.08	537.30	205970.149	99.48	99.48	.110	36.03	36.03
12.70	1068.23	98507.462	99.78	99.78	.105	40.83	40.83
16.00	2136.06	29850.746	99.87	99.87	.064	43.73	43.73
20.20	4298.42	11940.298	99.91	.03	.051	46.06	2.32
25.40	8545.85	11569.767	99.94	.07	.099	50.55	6.81
32.00	17088.51	8313.953	99.97	.09	.143	57.04	13.31
40.30	34132.61	4941.860	99.98	.11	.170	64.76	21.03
50.80	68366.83	2441.860	99.99	.00	.168	72.39	7.62
64.00	136708.10	697.674	99.99	.00	.096	76.75	11.98
80.60	273060.85	1046.511	99.99	.01	.288	89.82	25.06
101.60	553419.97	174.418	99.99	.01	.096	94.18	29.42
128.00	1093664.77	116.279	100.00	.01	.128	99.99	35.23
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		32760645.608			2.202		

02/10/74 10.0 m

CARBON	272	mg m^{-3}
NITROGEN	42.0	mg m^{-3}
ATP	1.110	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.98×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	1.69×10^{-1}
SILICOFLAGELLATES	4.55×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	1.99×10^{-1}
MICROZOOPLANKTON	4.45×10^{-1}
FAECAL PELLETS	0.0

DATE: 2/10/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	14217910.447	43.68	43.68	.059	3.13	3.13
2.52	8.35	7797014.925	67.64	67.64	.065	6.58	6.58
3.17	16.77	4325373.134	80.93	80.93	.072	10.39	10.39
4.00	33.38	2703731.343	89.24	89.24	.090	15.17	15.17
5.04	66.76	1598507.462	94.15	94.15	.107	20.81	20.81
6.35	132.90	990298.507	97.19	97.19	.132	27.81	27.81
8.00	267.01	529104.477	98.82	98.82	.141	35.29	35.29
10.08	537.30	196268.656	99.42	99.42	.105	40.83	40.83
12.70	1068.23	101492.537	99.74	99.74	.108	46.57	46.57
16.00	2136.06	38805.970	99.85	99.85	.083	50.96	50.96
20.20	4298.42	15988.372	99.90	.04	.068	54.54	3.58
25.40	8545.85	13197.674	99.94	.08	.113	60.50	9.54
32.00	17088.51	9476.744	99.97	.11	.163	69.10	18.13
40.30	34132.61	4360.465	99.99	.13	.150	77.01	26.04
50.80	68366.83	1686.046	99.99	.00	.116	83.12	6.11
64.00	136708.10	697.674	99.99	.00	.096	88.18	11.17
80.60	273060.85	232.558	99.99	.00	.064	91.56	14.55
101.60	553419.97	58.139	99.99	.00	.032	93.25	16.24
128.00	1093664.77	.000	99.99	.00	.000	93.25	16.24
161.00	2184016.90	58.139	100.00	.00	.128	99.99	6.74
203.00	4377906.30	.000	100.00	.00	.000	99.99	6.74
TOTAL		32544263.275			1.896		

02/10/74 15.0 m

CARBON	333	mg m^{-3}
NITROGEN	29.0	mg m^{-3}
ATP	0.274	mg m^{-3}

	VOLUME (PPM)
DIATOMS	6.76×10^{-2}
FLAGELLATES	4.82×10^{-4}
DINOFLAGELLATES	2.13×10^{-1}
SILICOFLAGELLATES	1.11×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	2.92×10^{-1}
MICROZOOPLANKTON	2.65×10^{-1}
FAECAL PELLETS	0.0

DATE: 2/10/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	14052238.805	43.40	43.40	.058	1.66	1.66
2.52	8.35	7726119.402	67.27	67.27	.064	3.49	3.49
3.17	16.77	4672388.059	81.71	81.71	.078	5.70	5.70
4.00	33.38	2638805.970	89.86	89.86	.088	8.20	8.20
5.04	66.76	1613432.835	94.84	94.84	.108	11.26	11.26
6.35	132.90	892537.313	97.60	97.60	.119	14.65	14.65
8.00	267.01	415671.641	98.88	98.88	.111	17.80	17.80
10.08	537.30	170895.522	99.41	99.41	.091	20.39	20.39
12.70	1068.23	95522.388	99.71	99.71	.102	23.29	23.29
16.00	2136.06	39552.238	99.83	99.83	.084	25.69	25.69
20.20	4298.42	18656.716	99.89	.05	.080	27.95	2.26
25.40	8545.85	12674.418	99.93	.09	.109	31.04	5.34
32.00	17088.51	8895.348	99.95	.12	.153	35.37	9.67
40.30	34132.61	4883.720	99.97	.13	.168	40.12	14.43
50.80	68366.83	3430.232	99.98	.01	.236	46.80	6.67
64.00	136708.10	2383.720	99.99	.01	.328	56.08	15.95
80.60	273060.85	1802.325	99.99	.02	.496	70.11	29.99
101.60	553419.97	872.093	99.99	.02	.480	83.70	43.57
128.00	1093664.77	174.418	99.99	.02	.192	89.13	49.00
161.00	2184016.90	174.418	100.00	.00	.384	99.99	10.86
203.00	4377906.30	.000	100.00	.00	.000	99.99	10.86
TOTAL		32371111.592			3.534		

02/10/74 20.0 m

CARBON	258	mg m^{-3}
NITROGEN	30.0	mg m^{-3}
ATP	0.140	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.82×10^{-2}
FLAGELLATES	2.95×10^{-4}
DINOFLAGELLATES	7.24×10^{-2}
SILICOFLAGELLATES	1.25×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	1.21×10^{-1}
MICROZOOPLANKTON	2.03×10^{-1}
FAECAL PELLETS	5.04×10^{-2}

DATE: 2/10/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11605223.880	52.89	52.89	.048	2.09	2.09
2.52	8.35	4541791.044	73.59	73.59	.038	3.73	3.73
3.17	16.77	2705223.880	85.92	85.92	.045	5.68	5.68
4.00	33.38	1363432.835	92.13	92.13	.045	7.65	7.65
5.04	66.76	770895.522	95.64	95.64	.051	9.88	9.88
6.35	132.90	460447.761	97.74	97.74	.061	12.54	12.54
8.00	267.01	251492.537	98.89	98.89	.067	15.45	15.45
10.08	537.30	120149.253	99.44	99.44	.064	18.23	18.23
12.70	1068.23	64179.104	99.73	99.73	.068	21.20	21.20
16.00	2136.06	20895.522	99.82	99.82	.044	23.14	23.14
20.20	4298.42	8955.223	99.86	.04	.038	24.80	1.65
25.40	8545.85	9534.883	99.91	.08	.082	28.34	5.19
32.00	17088.51	5581.395	99.93	.10	.096	32.48	9.34
40.30	34132.61	5000.000	99.96	.13	.172	39.90	16.76
50.80	68366.83	4534.883	99.98	.02	.312	53.37	13.46
64.00	136708.10	2151.162	99.99	.03	.296	66.15	26.24
80.60	273060.85	1569.767	99.99	.03	.432	84.80	44.89
101.60	553419.97	290.697	99.99	.03	.160	91.71	51.80
128.00	1093664.77	174.418	100.00	.03	.192	99.99	60.09
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		21941523.775			2.316		

02/10/74 30.0 m

CARBON	182	mg m^{-3}
NITROGEN	22.0	mg m^{-3}
ATP	0.111	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.25×10^{-2}
FLAGELLATES	2.95×10^{-4}
DINOFLAGELLATES	5.38×10^{-2}
SILICOFLAGELLATES	1.25×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	9.67×10^{-2}
MICROZOOPLANKTON	2.01×10^{-1}
FAECAL PELLETS	1.89×10^{-2}

DATE: 2/10/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12586567.164	55.58	55.58	.052	3.48	3.48
2.52	8.35	4585820.895	75.83	75.83	.038	6.02	6.02
3.17	16.77	2782089.552	88.12	88.12	.046	9.10	9.10
4.00	33.38	1248507.462	93.63	93.63	.041	11.87	11.87
5.04	66.76	613432.835	96.34	96.34	.041	14.59	14.59
6.35	132.90	400000.000	98.10	98.10	.053	18.13	18.13
8.00	267.01	230597.014	99.12	99.12	.061	22.22	22.22
10.08	537.30	100000.000	99.56	99.56	.053	25.77	25.77
12.70	1068.23	55223.880	99.81	99.81	.059	29.68	29.68
16.00	2136.06	13432.835	99.87	99.87	.028	31.59	31.59
20.20	4298.42	8208.955	99.90	.03	.035	33.91	2.32
25.40	8545.85	5872.093	99.93	.06	.050	37.22	5.63
32.00	17088.51	7267.441	99.96	.09	.125	45.49	13.90
40.30	34132.61	2906.976	99.97	.10	.100	52.11	20.51
50.80	68366.83	2267.441	99.98	.01	.156	62.42	10.31
64.00	136708.10	1569.767	99.99	.01	.216	76.71	24.60
80.60	273060.85	465.116	99.99	.01	.128	85.18	33.07
101.60	553419.97	290.697	99.99	.02	.160	95.76	43.65
128.00	1093664.77	58.139	100.00	.02	.064	99.99	47.88
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		22644578.270			1.511		

02/10/74 40.0 m

CARBON	210	mg m^{-3}
NITROGEN	20.0	mg m^{-3}
ATP	0.142	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.65×10^{-2}
FLAGELLATES	7.24×10^{-5}
DINOFLAGELLATES	2.09×10^{-1}
SILICOFLAGELLATES	6.37×10^{-5}
SUBTOTAL OF PHYTOPLANKTON	2.36×10^{-1}
MICROZOOPLANKTON	2.40×10^{-3}
FAECAL PELLETS	2.79×10^{-3}

DATE: 2/10/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	14999253.731	54.64	54.64	.062	4.90	4.90
2.52	8.35	5818656.716	75.83	75.83	.048	8.70	8.70
3.17	16.77	3048507.462	86.94	86.94	.051	12.68	12.68
4.00	33.38	1655970.149	92.97	92.97	.055	17.01	17.01
5.04	66.76	938805.970	96.39	96.39	.062	21.92	21.92
6.35	132.90	495522.388	98.20	98.20	.066	27.11	27.11
8.00	267.01	270149.253	99.18	99.18	.072	32.76	32.76
10.08	537.30	120895.522	99.62	99.62	.064	37.82	37.82
12.70	1068.23	55970.149	99.83	99.83	.060	42.51	42.51
16.00	2136.06	21641.791	99.91	99.91	.046	46.13	46.13
20.20	4298.42	10447.761	99.94	.03	.044	49.63	3.49
25.40	8545.85	4593.023	99.96	.05	.039	52.67	6.54
32.00	17088.51	3837.209	99.97	.06	.066	57.83	11.69
40.30	34132.61	2790.697	99.98	.07	.096	65.32	19.19
50.80	68366.83	1686.046	99.99	.00	.116	74.38	9.05
64.00	136708.10	639.534	99.99	.00	.088	81.25	15.93
80.60	273060.85	406.976	99.99	.00	.112	90.00	24.67
101.60	553419.97	232.558	100.00	.01	.128	99.99	34.67
128.00	1093664.77	.000	100.00	.01	.000	99.99	34.67
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		27450006.941			1.280		

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02/10/74 60.0 m

CARBON	165	mg m^{-3}
NITROGEN	20.0	mg m^{-3}
ATP	0.105	mg m^{-3}

	VOLUME (PPM)
DIATOMS	9.67×10^{-3}
FLAGELLATES	1.70×10^{-4}
DINOFLAGELLATES	1.51×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.12×10^{-2}
MICROZOOPLANKTON	1.59×10^{-2}
FAECAL PELLETS	2.21×10^{-3}

DATE: 17/10/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	23858208.955	47.62	47.62	.099	1.78	1.78
2.52	8.35	9831343.283	67.24	67.24	.082	3.26	3.26
3.17	16.77	7350746.268	81.91	81.91	.123	5.46	5.46
4.00	33.38	3874626.865	89.64	89.64	.129	7.78	7.78
5.04	66.76	2194029.850	94.02	94.02	.147	10.42	10.42
6.35	132.90	1544776.119	97.11	97.11	.207	14.12	14.12
8.00	267.01	809701.492	98.72	98.72	.217	18.01	18.01
10.08	537.30	323880.597	99.37	99.37	.173	21.11	21.11
12.70	1068.23	100000.000	99.57	99.57	.107	23.03	23.03
16.00	2136.06	63432.835	99.70	99.70	.136	25.47	25.47
20.20	4298.42	34328.358	99.76	.06	.147	28.10	2.63
25.40	8545.85	31279.069	99.83	.13	.269	32.92	7.45
32.00	17088.51	27732.558	99.88	.18	.477	41.46	15.98
40.30	34132.61	31686.046	99.95	.24	1.090	60.97	35.50
50.80	68366.83	23662.790	99.99	.04	1.628	90.11	29.14
64.00	136708.10	755.813	99.99	.04	.104	91.98	31.00
80.60	273060.85	232.558	99.99	.04	.064	93.12	32.15
101.60	553419.97	116.279	99.99	.04	.064	94.27	33.29
128.00	1093664.77	58.139	99.99	.04	.064	95.41	34.44
161.00	2184016.90	116.279	100.00	.00	.256	99.99	4.58
203.00	4377906.30	.000	100.00	.00	.000	99.99	4.58
TOTAL		50100714.160			5.586		

17/10/74 0 m

CARBON	587	mg m^{-3}
NITROGEN	89.0	mg m^{-3}
ATP	1.185	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.15×10^{-4}
FLAGELLATES	1.20×10^{-3}
DINOFLAGELLATES	1.34
SILICOFLAGELLATES	2.00×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	1.34
MICROZOOPLANKTON	1.39×10^{-1}
FAECAL PELLETS	9.27×10^{-3}

DATE: 17/10/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	17899253.731	44.65	44.65			
2.52	8.35	8604477.611	66.11	66.11	.074	1.88	1.88
3.17	16.77	7387313.432	84.54	84.54	.072	3.69	3.69
4.00	33.38	3038059.701	92.12	92.12	.123	6.80	6.80
5.04	66.76	1466417.910	95.78	95.78	.101	9.36	9.36
6.35	132.90	854477.611	97.91	97.91	.098	11.83	11.83
8.00	267.01	497014.925	99.15	99.15	.114	14.71	14.71
10.08	537.30	131343.283	99.48	99.48	.133	18.06	18.06
12.70	1068.23	61194.029	99.63	99.63	.070	19.83	19.83
16.00	2136.06	27611.940	99.70	99.70	.065	21.48	21.48
20.20	4298.42	22388.059	99.76	.05	.059	22.97	22.97
25.40	8545.85	27611.940	99.83	.12	.096	25.38	2.41
32.00	17088.51	28720.930	99.90	.19	.236	31.34	8.36
40.30	34132.61	27325.581	99.97	.26	.494	43.76	20.79
50.80	68366.83	9302.325	99.99	.02	.940	67.40	44.43
64.00	136708.10	1046.511	99.99	.02	.640	83.50	16.09
80.60	273060.85	581.395	99.99	.02	.144	87.12	19.71
101.60	553419.97	174.418	99.99	.02	.160	91.14	23.74
128.00	1093664.77	116.279	99.99	.02	.096	93.56	26.15
161.00	2184016.90	58.139	100.00	.00	.128	96.78	29.37
203.00	4377906.30	.000	100.00	.00	.128	99.99	3.21
TOTAL		40084489.759			.000	99.99	3.21
					3.976		

17/10/74 2.5 m

CARBON	524	mg m^{-3}
NITROGEN	77.0	mg m^{-3}
ATP	1.770	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.97×10^{-3}
FLAGELLATES	1.02×10^{-2}
DINOFLAGELLATES	8.84×10^{-1}
SILICOFLAGELLATES	2.34×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	8.99×10^{-1}
MICROZOOPLANKTON	1.84×10^{-1}
FAECAL PELLETS	0.0

DATE: 17/10/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	20048507.462	47.32	47.32			
2.52	8.35	8323880.597	66.98	66.98	.083	2.04	2.04
3.17	16.77	7179850.746	83.93	83.93	.069	3.73	3.73
4.00	33.38	3082835.820	91.20	91.20	.120	6.65	6.65
5.04	66.76	1640298.507	95.08	95.08	.103	9.16	9.16
6.35	132.90	772388.059	96.90	96.90	.109	11.83	11.83
8.00	267.01	697761.194	98.55	98.55	.103	14.35	14.35
10.08	537.30	356716.417	99.39	99.39	.187	18.90	18.90
12.70	1068.23	96268.656	99.62	99.62	.191	23.55	23.55
16.00	2136.06	41791.044	99.71	99.71	.103	26.06	26.06
20.20	4298.42	29850.746	99.78	.07	.089	28.24	28.24
25.40	8545.85	38546.511	99.88	.16	.128	31.35	3.11
32.00	17088.51	27325.581	99.94	.22	.331	39.40	11.16
40.30	34132.61	11220.930	99.97	.25	.470	50.83	22.59
50.80	68366.83	8197.674	99.99	.01	.386	60.21	31.97
64.00	136708.10	2209.302	99.99	.02	.564	73.93	13.71
80.60	273060.85	1046.511	99.99	.02	.304	81.32	21.10
101.60	553419.97	290.697	99.99	.02	.288	88.32	28.11
128.00	1093664.77	290.697	100.00	.02	.160	92.21	32.00
161.00	2184016.90	.000	100.00	.00	.320	99.99	39.78
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		42359277.159			.000	99.99	.00
					4.112		

17/10/74	5.0 m	
CARBON	437	mg m^{-3}
NITROGEN	69.0	mg m^{-3}
ATP	1.357	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.00×10^{-4}
FLAGELLATES	5.58×10^{-3}
DINOFLAGELLATES	8.99×10^{-1}
SILICOFLAGELLATES	4.33×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	9.10×10^{-1}
MICROZOOPLANKTON	1.61×10^{-1}
FAECAL PELLETS	0.0

DATE: 17/10/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED Z	Z IN GROUP	VOLUME	ACCUMULATED Z	Z IN GROUP
2.00	4.17	18138805.970	47.21	47.21	.075	2.12	2.12
2.52	8.35	7867910.447	67.69	67.69	.065	3.96	3.96
3.17	16.77	5953731.343	83.19	83.19	.099	6.74	6.74
4.00	33.38	2670895.522	90.14	90.14	.089	9.24	9.24
5.04	66.76	1502238.805	94.05	94.05	.100	12.05	12.05
6.35	132.90	944029.850	96.51	96.51	.126	15.59	15.59
8.00	267.01	841044.776	98.70	98.70	.225	21.89	21.89
10.08	537.30	252238.805	99.36	99.36	.135	25.67	25.67
12.70	1068.23	85820.895	99.58	99.58	.092	28.24	28.24
16.00	2136.06	44776.119	99.70	99.70	.096	30.93	30.93
20.20	4298.42	32835.820	99.78	.08	.140	34.86	3.93
25.40	8545.85	32267.441	99.87	.16	.277	42.61	11.67
32.00	17088.51	26802.325	99.94	.23	.461	55.49	24.56
40.30	34132.61	13255.813	99.97	.27	.456	68.24	37.31
50.80	68366.83	6395.348	99.99	.01	.440	80.54	12.29
64.00	136708.10	1569.767	99.99	.02	.216	86.58	18.33
80.60	273060.85	813.953	99.99	.02	.224	92.84	24.59
101.60	553419.97	465.116	100.00	.02	.256	99.99	31.75
128.00	1093664.77	.000	100.00	.02	.000	99.99	31.75
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		38415898.124			3.577		

17/10/74 10.0 m

CARBON	464	mg m^{-3}
NITROGEN	79.0	mg m^{-3}
ATP	1.020	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.86×10^{-3}
FLAGELLATES	1.29×10^{-3}
DINOFLAGELLATES	4.79×10^{-1}
SILICOFLAGELLATES	2.56×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	4.85×10^{-1}
MICROZOOPLANKTON	6.20×10^{-3}
FAECAL PELLETS	4.42×10^{-3}

DATE: 17/10/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	15991791.044	48.02	48.02	.066	1.87	1.87
2.52	8.35	6500000.000	67.55	67.55	.054	3.40	3.40
3.17	16.77	5697014.925	84.66	84.66	.095	6.08	6.08
4.00	33.38	2378358.208	91.80	91.80	.079	8.32	8.32
5.04	66.76	1261940.298	95.59	95.59	.084	10.69	10.69
6.35	132.90	643283.582	97.52	97.52	.086	13.12	13.12
8.00	267.01	425373.134	98.80	98.80	.114	16.32	16.32
10.08	537.30	195522.388	99.38	99.38	.104	19.26	19.26
12.70	1068.23	73134.328	99.60	99.60	.078	21.47	21.47
16.00	2136.06	43283.582	99.73	99.73	.092	24.07	24.07
20.20	4298.42	36686.046	99.84	.11	.157	28.49	4.41
25.40	8545.85	21744.186	99.91	.17	.187	33.74	9.66
32.00	17088.51	12093.023	99.95	.21	.208	39.58	15.50
40.30	34132.61	7151.162	99.97	.23	.246	46.50	22.42
50.80	68366.83	5232.558	99.98	.01	.360	56.61	10.11
64.00	136708.10	1453.488	99.99	.02	.200	62.23	15.73
80.60	273060.85	1395.348	99.99	.02	.384	73.02	26.52
101.60	553419.97	697.674	99.99	.02	.384	83.81	37.31
128.00	1093664.77	174.418	99.99	.02	.192	89.21	42.70
161.00	2184016.90	58.139	99.99	.00	.128	92.80	3.59
203.00	4377906.30	58.139	100.00	.00	.256	99.99	10.78
TOTAL		33296445.677			3.559		

17/10/74 15.0 m

CARBON	302	mg m^{-3}
NITROGEN	40.0	mg m^{-3}
ATP	0.108	mg m^{-3}

	VOLUME (PPM)
DIATOMS	8.07×10^{-3}
FLAGELLATES	5.67×10^{-4}
DINOFLAGELLATES	1.86×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.95×10^{-1}
MICROZOOPLANKTON	1.57×10^{-2}
FAECAL PELLETS	5.86×10^{-3}

DATE: 17/10/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11714179.104	52.19	52.19	.049	3.00	3.00
2.52	8.35	4701492.537	73.14	73.14	.039	5.40	5.40
3.17	16.77	2857462.686	85.87	85.87	.047	8.33	8.33
4.00	33.38	1526865.671	92.68	92.68	.051	11.46	11.46
5.04	66.76	801492.537	96.25	96.25	.053	14.75	14.75
6.35	132.90	403731.343	98.05	98.05	.054	18.06	18.06
8.00	267.01	232089.552	99.08	99.08	.062	21.87	21.87
10.08	537.30	108955.223	99.57	99.57	.058	25.45	25.45
12.70	1068.23	41044.776	99.75	99.75	.044	28.14	28.14
16.00	2136.06	16417.910	99.82	99.82	.035	30.30	30.30
20.20	4298.42	17906.976	99.90	.07	.077	35.01	4.71
25.40	8545.85	9127.906	99.94	.12	.078	39.79	9.49
32.00	17088.51	4011.627	99.96	.13	.069	44.02	13.71
40.30	34132.61	3313.953	99.98	.15	.114	51.00	20.70
50.80	68366.83	1744.186	99.98	.00	.120	58.35	7.34
64.00	136708.10	1104.651	99.99	.01	.152	67.66	16.65
80.60	273060.85	639.534	99.99	.01	.176	78.44	27.43
101.60	553419.97	523.255	99.99	.01	.288	96.08	45.07
128.00	1093664.77	58.139	100.00	.01	.064	99.99	48.99
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		22442161.574			1.632		

17/10/74 20.0 m

CARBON	156	mg m^{-3}
NITROGEN	22.0	mg m^{-3}
ATP	0.048	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.84×10^{-3}
FLAGELLATES	1.78×10^{-3}
DINOFLAGELLATES	7.00×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.46×10^{-2}
MICROZOOPLANKTON	6.20×10^{-3}
FAECAL PELLETS	0.0

DATE: 17/10/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	14081343.283	53.87	53.87	.058	3.22	3.22
2.52	8.35	5086567.164	73.34	73.34	.042	5.55	5.55
3.17	16.77	4150746.268	89.22	89.22	.069	9.35	9.35
4.00	33.38	1420895.522	94.65	94.65	.047	11.95	11.95
5.04	66.76	684328.358	97.27	97.27	.045	14.46	14.46
6.35	132.90	352238.805	98.62	98.62	.047	17.04	17.04
8.00	267.01	176119.402	99.29	99.29	.047	19.62	19.62
10.08	537.30	83582.089	99.61	99.61	.044	22.07	22.07
12.70	1068.23	54477.611	99.82	99.82	.058	25.26	25.26
16.00	2136.06	19402.985	99.90	99.90	.041	27.54	27.54
20.20	4298.42	11194.029	99.94	.04	.048	30.16	2.62
25.40	8545.85	2985.074	99.95	.05	.025	31.56	4.02
32.00	17088.51	2985.074	99.96	.06	.051	34.36	6.82
40.30	34132.61	2906.976	99.97	.07	.100	39.83	12.29
50.80	68366.83	1918.604	99.98	.00	.132	47.05	7.21
64.00	136708.10	1918.604	99.99	.01	.264	61.49	21.65
80.60	273060.85	1162.790	99.99	.01	.320	78.99	39.15
101.60	553419.97	581.395	99.99	.02	.320	96.49	56.66
128.00	1093664.77	58.139	100.00	.02	.064	99.99	60.16
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		26135412.182			1.828		

17/10/74 30.0 m

CARBON	128	mg m^{-3}
NITROGEN	17.0	mg m^{-3}
ATP	0.165	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.68×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	9.87×10^{-4}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.67×10^{-3}
MICROZOOPLANKTON	2.70×10^{-3}
FAECAL PELLETS	4.49×10^{-3}

DATE: 17/10/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	13665671.641	54.24	54.24	.057	4.49	4.49
2.52	8.35	4980597.014	74.00	74.00	.041	7.76	7.76
3.17	16.77	4255223.880	90.89	90.89	.071	13.36	13.36
4.00	33.38	1200000.000	95.66	95.66	.040	16.51	16.51
5.04	66.76	548507.462	97.83	97.83	.036	19.40	19.40
6.35	132.90	258955.223	98.86	98.86	.034	22.12	22.12
8.00	267.01	132835.820	99.39	99.39	.035	24.92	24.92
10.08	537.30	70895.522	99.67	99.67	.038	27.90	27.90
12.70	1068.23	32835.820	99.80	99.80	.035	30.67	30.67
16.00	2136.06	15671.641	99.86	99.86	.033	33.31	33.31
20.20	4298.42	14011.627	99.92	.05	.060	38.02	4.71
25.40	8545.85	6918.604	99.95	.08	.059	42.65	9.34
32.00	17088.51	5930.232	99.97	.10	.102	50.67	17.35
40.30	34132.61	3023.255	99.98	.11	.104	58.84	25.52
50.80	68366.83	1453.488	99.99	.00	.100	66.69	7.85
64.00	136708.10	1453.488	99.99	.01	.200	82.40	23.56
80.60	273060.85	348.837	99.99	.01	.096	89.94	31.10
101.60	553419.97	116.279	99.99	.01	.064	94.97	36.13
128.00	1093664.77	58.139	100.00	.01	.064	99.99	41.15
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		25194507.982			1.273		

17/10/74 40.0 m

CARBON	153	mg m^{-3}
NITROGEN	17.0	mg m^{-3}
ATP	0.0736	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.81×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	7.55×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	7.57×10^{-2}
MICROZOOPLANKTON	4.00×10^{-4}
FAECAL PELLETS	7.05×10^{-3}

DATE: 17/10/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	14926865.671	53.67	53.67	.062	4.08	4.08
2.52	8.35	6138059.701	75.75	75.75	.051	7.44	7.44
3.17	16.77	3944776.119	89.93	89.93	.066	11.75	11.75
4.00	33.38	1344029.850	94.77	94.77	.045	14.69	14.69
5.04	66.76	676865.671	97.20	97.20	.045	17.66	17.66
6.35	132.90	441791.044	98.79	98.79	.059	21.52	21.52
8.00	267.01	204477.611	99.53	99.53	.054	25.11	25.11
10.08	537.30	75373.134	99.80	99.80	.040	27.75	27.75
12.70	1068.23	24626.865	99.89	99.89	.026	29.47	29.47
16.00	2136.06	11104.651	99.93	99.93	.023	30.98	30.98
20.20	4298.42	5290.697	99.94	.01	.022	32.41	1.43
25.40	8545.85	3255.813	99.96	.03	.028	34.24	3.26
32.00	17088.51	4883.720	99.97	.04	.084	39.73	8.75
40.30	34132.61	2848.837	99.98	.05	.098	46.14	15.16
50.80	68366.83	1046.511	99.99	.00	.072	50.84	4.70
64.00	136708.10	930.232	99.99	.00	.128	59.21	13.07
80.60	273060.85	639.534	99.99	.00	.176	70.71	24.57
101.60	553419.97	232.558	99.99	.01	.128	79.08	32.94
128.00	1093664.77	174.418	99.99	.01	.192	91.63	45.49
161.00	2184016.90	58.139	100.00	.00	.128	99.99	8.36
203.00	4377906.30	.000	100.00	.00	.000	99.99	8.36
TOTAL		27807330.787			1.530		

17/10/74 60.0 m

CARBON	117	mg m^{-3}
NITROGEN	17.0	mg m^{-3}
ATP	0.0556	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.91×10^{-4}
FLAGELLATES	1.80×10^{-4}
DINOFLAGELLATES	5.18×10^{-5}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	5.75×10^{-3}
MICROZOOPLANKTON	5.60×10^{-3}
FAECAL PELLETS	1.09×10^{-3}

DATE: 30/10/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	91447014.925	62.31	62.31			
2.52	8.35	32869402.985	84.70	84.70	.382	10.27	10.27
3.17	16.77	12623134.328	93.30	93.30	.275	17.65	17.65
4.00	33.38	5044776.119	96.74	96.74	.211	23.32	23.32
5.04	66.76	2182835.820	98.23	98.23	.169	27.85	27.85
6.35	132.90	1108208.955	98.98	98.98	.146	31.78	31.78
8.00	267.01	734328.358	99.48	99.48	.148	35.76	35.76
10.08	537.30	403731.343	99.76	99.76	.196	41.04	41.04
12.70	1068.23	167164.179	99.87	99.87	.216	46.85	46.85
16.00	2136.06	123720.930	99.96	99.96	.179	51.65	51.65
20.20	4298.42	16686.046	99.97	.01	.266	58.79	58.79
25.40	8545.85	12151.162	99.98	.01	.071	60.69	1.90
32.00	17088.51	10639.534	99.98	.02	.104	63.48	4.69
40.30	34132.61	9534.883	99.99	.03	.183	68.39	9.60
50.80	68366.83	6104.651	99.99	.00	.382	78.64	19.85
64.00	136708.10	872.093	99.99	.00	.420	89.91	11.26
80.60	273060.85	348.837	99.99	.00	.120	93.13	14.48
101.60	553419.97	290.697	100.00	.00	.096	95.70	17.06
128.00	1093664.77	.000	100.00	.00	.160	99.99	21.35
161.00	2184016.90	.000	100.00	.00	.000	99.99	21.35
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		146760945.845			3.727	99.99	.00

30/10/74 0 m

CARBON	1523	mg m^{-3}
NITROGEN	65.0	mg m^{-3}
ATP	0.645	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.87×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	2.71×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.71×10^{-1}
MICROZOOPLANKTON	3.51×10^{-2}
FAECAL PELLETS	0.0

DATE: 30/10/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	21618656.716	48.14	48.14	.090	1.58	1.58
2.52	8.35	8706716.417	67.52	67.52	.072	2.85	2.85
3.17	16.77	6876119.402	82.84	82.84	.115	4.86	4.86
4.00	33.38	3188059.701	89.93	89.93	.106	6.72	6.72
5.04	66.76	1764179.104	93.86	93.86	.118	8.79	8.79
6.35	132.90	1071641.791	96.25	96.25	.143	11.30	11.30
8.00	267.01	757462.686	97.94	97.94	.203	14.84	14.84
10.08	537.30	433582.089	98.90	98.90	.232	18.90	18.90
12.70	1068.23	261194.029	99.48	99.48	.280	23.79	23.79
16.00	2136.06	122325.581	99.76	99.76	.263	28.39	28.39
20.20	4298.42	16220.930	99.79	.03	.069	29.59	1.20
25.40	8545.85	15290.697	99.83	.07	.131	31.88	3.49
32.00	17088.51	19069.767	99.87	.11	.328	37.61	9.22
40.30	34132.61	30116.279	99.94	.17	1.036	55.70	27.31
50.80	68366.83	23488.372	99.99	.05	1.616	83.93	28.22
64.00	136708.10	1918.604	99.99	.05	.264	88.54	32.83
80.60	273060.85	988.372	99.99	.05	.272	93.29	37.58
101.60	553419.97	232.558	99.99	.05	.128	95.52	39.82
128.00	1093664.77	116.279	99.99	.05	.128	97.76	42.05
161.00	2184016.90	58.139	100.00	.00	.128	99.99	2.23
203.00	4377906.30	.000	100.00	.00	.000	99.99	2.23
TOTAL		44907437.520			5.725		

30/10/74 2.5 m

CARBON	430	mg m^{-3}
NITROGEN	47.0	mg m^{-3}
ATP	1.260	mg m^{-3}

VOLUME (PPM)	
DIATOMS	2.07×10^{-3}
FLAGELLATES	4.98×10^{-3}
DINOFLAGELLATES	1.91
SILICOFLAGELLATES	7.10×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	2.05
MICROZOOPLANKTON	2.86×10^{-1}
FAECAL PELLETS	2.56×10^{-2}

DATE: 30/10/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	23352238.805	46.61	46.61	.097	1.11	1.11
2.52	8.35	10185074.626	66.95	66.95	.085	2.08	2.08
3.17	16.77	7105970.149	81.13	81.13	.119	3.43	3.43
4.00	33.38	3523134.328	88.16	88.16	.118	4.78	4.78
5.04	66.76	2125373.134	92.41	92.41	.142	6.40	6.40
6.35	132.90	1444029.850	95.29	95.29	.193	8.60	8.60
8.00	267.01	1117910.447	97.52	97.52	.299	12.01	12.01
10.08	537.30	616417.910	98.75	98.75	.330	15.77	15.77
12.70	1068.23	326865.671	99.41	99.41	.350	19.76	19.76
16.00	2136.06	130581.395	99.67	99.67	.280	22.94	22.94
20.20	4298.42	22383.720	99.71	.04	.096	24.04	1.09
25.40	8545.85	17848.837	99.75	.08	.153	25.78	2.83
32.00	17088.51	28313.953	99.80	.13	.487	31.32	8.37
40.30	34132.61	42034.883	99.89	.22	1.446	47.78	24.83
50.80	68366.83	49709.302	99.99	.09	3.420	86.70	38.92
64.00	136708.10	3139.534	99.99	.10	.432	91.62	43.84
80.60	273060.85	581.395	99.99	.10	.160	93.44	45.66
101.60	553419.97	465.116	99.99	.10	.256	96.35	48.57
128.00	1093664.77	290.697	100.00	.10	.320	99.99	52.21
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		50092363.761			8.786		

30/10/74 5.0 m

CARBON	579	mg m^{-3}
NITROGEN	79.0	mg m^{-3}
ATP	0.982	mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.37×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	3.62
SILICOFLAGELLATES	5.20×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	3.68
MICROZOOPLANKTON	2.20×10^{-1}
FAECAL PELLETS	2.64×10^{-2}

DATE: 30/10/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	18916417.910	49.50	49.50	.079	3.93	3.93
2.52	8.35	7943283.582	70.29	70.29	.066	7.23	7.23
3.17	16.77	6049253.731	86.12	86.12	.101	12.25	12.25
4.00	33.38	2798507.462	93.45	93.45	.093	16.90	16.90
5.04	66.76	1289552.238	96.82	96.82	.086	21.19	21.19
6.35	132.90	632835.820	98.48	98.48	.084	25.40	25.40
8.00	267.01	352985.074	99.40	99.40	.094	30.10	30.10
10.08	537.30	125373.134	99.73	99.73	.067	33.43	33.43
12.70	1068.23	47761.194	99.86	99.86	.051	35.97	35.97
16.00	2136.06	18656.716	99.91	99.91	.040	37.96	37.96
20.20	4298.42	9941.860	99.93	.02	.042	40.04	2.08
25.40	8545.85	6162.790	99.95	.04	.053	42.67	4.71
32.00	17080.51	7267.441	99.97	.06	.125	48.88	10.91
40.30	34132.61	6337.209	99.98	.07	.218	59.70	21.73
50.80	68366.83	2732.558	99.99	.00	.188	69.03	9.33
64.00	136708.10	581.395	99.99	.00	.080	73.00	13.30
80.60	273060.85	697.674	99.99	.01	.192	82.53	22.82
101.60	553419.97	290.697	99.99	.01	.160	90.47	30.77
128.00	1093664.77	174.418	100.00	.01	.192	99.99	40.29
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		38208812.911			2.014		

30/10/74 10.0 m

CARBON	219	mg m^{-3}
NITROGEN	20.0	mg m^{-3}
ATP	0.435	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.24×10^{-3}
FLAGELLATES	1.41×10^{-3}
DINOFLAGELLATES	1.27×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.32×10^{-1}
MICROZOOPLANKTON	5.56×10^{-2}
FAECAL PELLETS	3.19×10^{-3}

DATE: 30/10/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	16246268.656	48.35	48.35	.068	3.26	3.26
2.52	8.35	6847761.194	68.73	68.73	.057	6.01	6.01
3.17	16.77	5520149.253	85.16	85.16	.092	10.44	10.44
4.00	33.38	2411194.029	92.34	92.34	.080	14.31	14.31
5.04	66.76	1309701.492	96.24	96.24	.087	18.52	18.52
6.35	132.90	641791.044	98.15	98.15	.086	22.64	22.64
8.00	267.01	347761.194	99.18	99.18	.093	27.11	27.11
10.08	537.30	151492.537	99.63	99.63	.081	31.01	31.01
12.70	1068.23	58208.955	99.81	99.81	.062	34.00	34.00
16.00	2136.06	26119.402	99.88	99.88	.056	36.69	36.69
20.20	4298.42	11940.298	99.92	.03	.051	39.15	2.45
25.40	8545.85	8208.955	99.94	.05	.070	42.52	5.83
32.00	17088.51	4767.441	99.96	.07	.082	46.46	9.76
40.30	34132.61	7325.581	99.98	.09	.252	58.55	21.85
50.80	68366.83	3023.255	99.99	.00	.208	68.52	9.97
64.00	136708.10	1046.511	99.99	.01	.144	75.43	16.88
80.60	273060.85	465.116	99.99	.01	.128	81.57	23.02
101.60	553419.97	581.395	99.99	.01	.320	96.92	38.37
128.00	1093664.77	58.139	100.00	.01	.064	99.99	41.44
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		33597864.456			2.084		

30/10/74 15.0 m

CARBON	341	mg m^{-3}
NITROGEN	36.0	mg m^{-3}
ATP	0.174	mg m^{-3}

	VOLUME (PPM)
DIATOMS	7.53×10^{-3}
FLAGELLATES	5.36×10^{-4}
DINOFLAGELLATES	7.06×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	7.87×10^{-2}
MICROZOOPLANKTON	4.32×10^{-1}
FAECAL PELLETS	1.78×10^{-2}

DATE: 30/10/74 DEPTH: 20.0 M AREA: DB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12623880.597	49.17	49.17	.052	2.58	2.58
2.52	8.35	5067910.447	68.91	68.91	.042	4.65	4.65
3.17	16.77	4318656.716	85.73	85.73	.072	8.18	8.18
4.00	33.38	1743283.582	92.52	92.52	.058	11.03	11.03
5.04	66.76	916417.910	96.09	96.09	.061	14.03	14.03
6.35	132.90	470895.522	97.92	97.92	.063	17.12	17.12
8.00	267.01	258955.223	98.93	98.93	.069	20.51	20.51
10.08	537.30	144029.850	99.49	99.49	.077	24.28	24.28
12.70	1068.23	61940.298	99.73	99.73	.066	27.53	27.53
16.00	2136.06	38805.970	99.89	99.89	.083	31.59	31.59
20.20	4298.42	6716.417	99.91	.02	.028	33.00	1.40
25.40	8545.85	7462.686	99.94	.05	.064	36.13	4.53
32.00	17088.51	5058.139	99.96	.07	.087	40.38	8.78
40.30	34132.61	3139.534	99.97	.08	.108	45.66	14.06
50.80	68366.83	2325.581	99.98	.00	.160	53.47	7.81
64.00	136708.10	1802.325	99.99	.01	.248	65.59	19.93
80.60	273060.85	1162.790	99.99	.02	.320	81.23	35.57
101.60	553419.97	348.837	99.99	.02	.192	90.61	44.95
128.00	1093664.77	174.418	100.00	.02	.192	99.99	54.33
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		25672966.850			2.046		

30/10/74 20.0 m

CARBON	155	mg m^{-3}
NITROGEN	26.0	mg m^{-3}
ATP	0.157	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.07×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	4.70×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	6.77×10^{-2}
MICROZOOPLANKTON	3.87×10^{-2}
FAECAL PELLETS	1.92×10^{-2}

DATE: 30/10/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	17311940.298	50.25	50.25	.072	3.63	3.63
2.52	8.35	7883582.089	73.13	73.13	.066	6.94	6.94
3.17	16.77	5385820.895	88.76	88.76	.090	11.47	11.47
4.00	33.38	1932089.552	94.37	94.37	.064	14.72	14.72
5.04	66.76	1075373.134	97.49	97.49	.072	18.33	18.33
6.35	132.90	486567.164	98.90	98.90	.065	21.60	21.60
8.00	267.01	227611.940	99.56	99.56	.061	24.66	24.66
10.08	537.30	77611.940	99.79	99.79	.041	26.75	26.75
12.70	1068.23	29104.477	99.87	99.87	.031	28.32	28.32
16.00	2136.06	18656.716	99.93	99.93	.040	30.33	30.33
20.20	4298.42	7462.686	99.95	.02	.032	31.93	1.60
25.40	8545.85	3546.511	99.96	.03	.030	33.44	3.11
32.00	17088.51	3488.372	99.97	.04	.060	36.45	6.12
40.30	34132.61	3430.232	99.98	.05	.118	42.37	12.04
50.80	68366.83	2034.883	99.99	.00	.140	49.40	7.02
64.00	136708.10	1744.186	99.99	.01	.240	61.45	19.07
80.60	273060.85	581.395	99.99	.01	.160	69.48	27.10
101.60	553419.97	755.813	99.99	.01	.416	90.36	47.98
128.00	1093664.77	58.139	99.99	.01	.064	93.57	51.19
161.00	2184016.90	58.139	100.00	.00	.128	99.99	6.42
203.00	4377906.30	.000	100.00	.00	.000	99.99	6.42
TOTAL		34451518.569			1.992		

30/10/74 30.0 m

CARBON	445	mg m^{-3}
NITROGEN	22.0	mg m^{-3}
ATP	0.189	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.72×10^{-3}
FLAGELLATES	2.07×10^{-4}
DINOFLAGELLATES	5.04×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	8.97×10^{-3}
MICROZOOPLANKTON	5.90×10^{-3}
FAECAL PELLETS	7.21×10^{-4}

DATE: 30/10/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED Z	Z IN GROUP	VOLUME	ACCUMULATED Z	Z IN GROUP
2.00	4.17	16932835.820	51.16	51.16	.070	2.97	2.97
2.52	8.35	7763432.835	74.61	74.61	.065	5.70	5.70
3.17	16.77	5000746.268	89.72	89.72	.083	9.21	9.21
4.00	33.38	1568656.716	94.46	94.46	.052	11.41	11.41
5.04	66.76	860447.761	97.06	97.06	.057	13.82	13.82
6.35	132.90	500746.268	98.57	98.57	.067	16.64	16.64
8.00	267.01	266417.910	99.38	99.38	.071	19.63	19.63
10.08	537.30	94776.119	99.66	99.66	.050	21.76	21.76
12.70	1068.23	44029.850	99.80	99.80	.047	23.74	23.74
16.00	2136.06	32835.820	99.90	99.90	.070	26.70	26.70
20.20	4298.42	9701.492	99.93	.02	.041	28.44	1.74
25.40	8545.85	5348.837	99.94	.04	.046	30.37	3.67
32.00	17088.51	5116.279	99.96	.06	.088	34.06	7.36
40.30	34132.61	5348.837	99.97	.07	.184	41.78	15.08
50.80	68366.83	3197.674	99.98	.00	.220	51.01	9.22
64.00	136708.10	1976.744	99.99	.01	.272	62.41	20.63
80.60	273060.85	1046.511	99.99	.01	.288	74.49	32.71
101.60	553419.97	755.813	99.99	.02	.416	91.94	50.16
128.00	1093664.77	58.139	99.99	.02	.064	94.63	52.84
161.00	2184016.90	58.139	100.00	.00	.128	99.99	5.36
203.00	4377906.30	.000	100.00	.00	.000	99.99	5.36
TOTAL		33097533.841			2.384		

30/10/74 40.0 m

CARBON	172	mg m^{-3}
NITROGEN	16.0	mg m^{-3}
ATP	0.0296	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.47×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	7.04×10^{-3}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	7.39×10^{-3}
MICROZOOPLANKTON	8.50×10^{-3}
FAECAL PELLETS	2.18×10^{-3}

DATE: 30/10/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	16458955.223	52.51	52.51	.068	3.18	3.18
2.52	8.35	7026865.671	74.93	74.93	.058	5.90	5.90
3.17	16.77	4556716.417	89.47	89.47	.076	9.43	9.43
4.00	33.38	1440298.507	94.07	94.07	.048	11.65	11.65
5.04	66.76	839552.238	96.75	96.75	.056	14.25	14.25
6.35	132.90	547014.925	98.49	98.49	.073	17.64	17.64
8.00	267.01	299253.731	99.45	99.45	.080	21.35	21.35
10.08	537.30	82835.820	99.71	99.71	.044	23.40	23.40
12.70	1068.23	38805.970	99.84	99.84	.041	25.32	25.32
16.00	2136.06	17910.447	99.89	99.89	.038	27.10	27.10
20.20	4298.42	8779.069	99.92	.02	.037	28.81	1.71
25.40	8545.85	5174.418	99.94	.04	.044	30.84	3.74
32.00	17088.51	5697.674	99.96	.06	.098	35.37	8.27
40.30	34132.61	5639.534	99.97	.08	.194	44.34	17.24
50.80	68366.83	2965.116	99.98	.00	.204	53.77	9.43
64.00	136708.10	2267.441	99.99	.01	.312	68.19	23.85
80.60	273060.85	988.372	99.99	.01	.272	80.77	36.42
101.60	553419.97	523.255	99.99	.02	.288	94.08	49.73
128.00	1093664.77	116.279	100.00	.02	.128	99.99	55.65
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		31340360.117			2.163		

30/10/74 60.0 m

CARBON	217	mg m^{-3}
NITROGEN	23.0	mg m^{-3}
ATP	0.0324	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.38×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	2.01×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.01×10^{-1}
MICROZOOPLANKTON	1.01×10^{-2}
FAECAL PELLETS	9.33×10^{-4}

DATE: 6/11/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	18132089.552	47.62	47.62	.075	2.45	2.45
2.52	8.35	8240298.507	69.27	69.27	.069	4.69	4.69
3.17	16.77	5422388.059	83.51	83.51	.090	7.63	7.63
4.00	33.38	3379850.746	92.39	92.39	.113	11.30	11.30
5.04	66.76	1275373.134	95.74	95.74	.085	14.07	14.07
6.35	132.90	623880.597	97.38	97.38	.083	16.78	16.78
8.00	267.01	425373.134	98.50	98.50	.114	20.47	20.47
10.08	537.30	229850.746	99.10	99.10	.123	24.47	24.47
12.70	1068.23	165671.641	99.54	99.54	.177	30.22	30.22
16.00	2136.06	110581.395	99.83	99.83	.237	37.90	37.90
20.20	4298.42	12267.441	99.86	.03	.052	39.59	1.68
25.40	8545.85	12383.720	99.89	.06	.106	43.02	5.12
32.00	17088.51	13139.534	99.93	.09	.226	50.35	12.44
40.30	34132.61	15930.232	99.97	.14	.548	68.11	30.20
50.80	68366.83	8953.488	99.99	.02	.616	88.07	19.96
64.00	136708.10	697.674	99.99	.02	.096	91.18	23.07
80.60	273060.85	174.418	99.99	.02	.048	92.74	24.62
101.60	553419.97	58.139	99.99	.02	.032	93.77	25.66
128.00	1093664.77	58.139	99.99	.02	.064	95.85	27.74
161.00	2184016.90	58.139	100.00	.00	.128	99.99	4.14
203.00	4377906.30	.000	100.00	.00	.000	99.99	4.14
TOTAL		38069078.444			3.085		

06/11/74 0 m

CARBON	248	mg m^{-3}
NITROGEN	35.0	mg m^{-3}
ATP	0.675	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	8.61×10^{-1}
SILICOFLAGELLATES	2.00×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	8.61×10^{-1}
MICROZOOPLANKTON	8.50×10^{-2}
FAECAL PELLETS	2.21×10^{-3}

DATE: 6/11/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	19765671.641	45.72	45.72	.082	1.24	1.24
2.52	8.35	10408208.955	69.80	69.80	.087	2.55	2.55
3.17	16.77	7246268.656	86.57	86.57	.121	4.38	4.38
4.00	33.38	2743283.582	92.91	92.91	.091	5.76	5.76
5.04	66.76	1318656.716	95.97	95.97	.088	7.09	7.09
6.35	132.90	646268.656	97.46	97.46	.086	8.39	8.39
8.00	267.01	435820.895	98.47	98.47	.116	10.15	10.15
10.08	537.30	226119.402	98.99	98.99	.121	11.97	11.97
12.70	1068.23	167164.179	99.38	99.38	.179	14.67	14.67
16.00	2136.06	125373.134	99.67	99.67	.268	18.72	18.72
20.20	4298.42	20755.813	99.72	.04	.089	20.06	1.33
25.40	8545.85	18837.209	99.76	.09	.162	22.50	3.77
32.00	17088.51	18779.069	99.80	.13	.323	27.36	8.63
40.30	34132.61	39011.627	99.89	.22	1.342	47.56	28.83
50.80	68366.83	40406.976	99.99	.09	2.780	89.40	41.84
64.00	136708.10	2325.581	99.99	.09	.320	94.22	46.65
80.60	273060.85	697.674	99.99	.10	.192	97.11	49.54
101.60	553419.97	348.837	100.00	.10	.192	99.99	52.43
128.00	1093664.77	.000	100.00	.10	.000	99.99	52.43
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		43223998.610			6.643		

06/11/74 2.5 m

CARBON	1025	mg m^{-3}
NITROGEN	108	mg m^{-3}
ATP	2.265	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.37×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	3.57
SILICOFLAGELLATES	2.82×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	3.57
MICROZOOPLANKTON	3.74×10^{-1}
FAECAL PELLETS	0.0

DATE: 6/11/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	18179104.477	52.54	52.54	.076	2.01	2.01
2.52	8.35	6597014.925	71.61	71.61	.055	3.47	3.47
3.17	16.77	5318656.716	86.98	86.98	.089	5.83	5.83
4.00	33.38	2033582.089	92.86	92.86	.068	7.63	7.63
5.04	66.76	1155223.880	96.20	96.20	.077	9.68	9.68
6.35	132.90	667164.179	98.13	98.13	.089	12.04	12.04
8.00	267.01	353731.343	99.15	99.15	.094	14.55	14.55
10.08	537.30	107462.686	99.46	99.46	.057	16.08	16.08
12.70	1068.23	52238.805	99.61	99.61	.056	17.56	17.56
16.00	2136.06	36567.164	99.72	99.72	.078	19.63	19.63
20.20	4298.42	23134.328	99.78	.06	.099	22.25	2.62
25.40	8545.85	11511.627	99.82	.10	.099	24.87	5.24
32.00	17088.51	18837.209	99.87	.15	.324	33.45	13.82
40.30	34132.61	28546.511	99.95	.23	.982	59.44	39.81
50.80	68366.83	11220.930	99.99	.03	.772	79.88	20.43
64.00	136708.10	1802.325	99.99	.03	.248	86.44	26.99
80.60	273060.85	697.674	99.99	.03	.192	91.52	32.08
101.60	553419.97	232.558	99.99	.04	.128	94.91	35.47
128.00	1093664.77	58.139	99.99	.04	.064	96.61	37.16
161.00	2184016.90	58.139	100.00	.00	.128	99.99	3.38
203.00	4377906.30	.000	100.00	.00	.000	99.99	3.38
TOTAL		34596845.712			3.777		

06/11/74 5.0 m

CARBON	289	mg m^{-3}
NITROGEN	44.0	mg m^{-3}
ATP	0.907	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.24×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	1.21
SILICOFLAGELLATES	9.03×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	1.21
MICROZOOPLANKTON	2.12×10^{-1}
FAECAL PELLETS	4.00×10^{-3}

DATE: 6/11/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	17302238.805	45.81	45.81	.072	3.07	3.07
2.52	8.35	9332835.820	70.52	70.52	.078	6.38	6.38
3.17	16.77	5084328.358	83.99	83.99	.085	9.99	9.99
4.00	33.38	3299253.731	92.72	92.72	.110	14.68	14.68
5.04	66.76	1342537.313	96.28	96.28	.089	18.50	18.50
6.35	132.90	769402.985	98.31	98.31	.103	22.87	22.87
8.00	267.01	353731.343	99.25	99.25	.094	26.90	26.90
10.08	537.30	140298.507	99.62	99.62	.075	30.09	30.09
12.70	1068.23	61940.298	99.79	99.79	.066	32.90	32.90
16.00	2136.06	32835.820	99.87	99.87	.070	35.89	35.89
20.20	4298.42	15671.641	99.91	.04	.067	38.74	2.85
25.40	8545.85	8208.955	99.94	.06	.070	41.73	5.83
32.00	17088.51	9360.465	99.96	.08	.161	48.56	12.67
40.30	34132.61	7790.697	99.98	.10	.268	59.94	24.04
50.80	68366.83	2906.976	99.99	.00	.200	68.42	8.48
64.00	136708.10	872.093	99.99	.01	.120	73.52	13.57
80.60	273060.85	639.534	99.99	.01	.176	80.98	21.04
101.60	553419.97	232.558	99.99	.01	.128	86.42	26.47
128.00	1093664.77	174.418	99.99	.01	.192	94.56	34.62
161.00	2184016.90	58.139	100.00	.00	.128	99.99	5.43
203.00	4377906.30	.000	100.00	.00	.000	99.99	5.43
TOTAL		37765318.464			2.356		

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06/11/74 10.0 m

CARBON	309	mg m^{-3}
NITROGEN	36.0	mg m^{-3}
ATP	0.195	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.42×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	1.57×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.71×10^{-1}
MICROZOOPLANKTON	5.00×10^{-3}
FAECAL PELLETS	5.65×10^{-3}

DATE: 6/11/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9806716.417	44.08	44.08	.041	1.77	1.77
2.52	8.35	5208955.223	67.50	67.50	.043	3.65	3.65
3.17	16.77	3524626.865	83.34	83.34	.059	6.20	6.20
4.00	33.38	2114179.104	92.84	92.84	.070	9.26	9.26
5.04	66.76	747761.194	96.21	96.21	.050	11.43	11.43
6.35	132.90	398507.462	98.00	98.00	.053	13.74	13.74
8.00	267.01	240298.507	99.08	99.08	.064	16.52	16.52
10.08	537.30	96268.656	99.51	99.51	.051	18.75	18.75
12.70	1068.23	47761.194	99.73	99.73	.051	20.96	20.96
16.00	2136.06	22388.059	99.83	99.83	.048	23.04	23.04
20.20	4298.42	14179.104	99.89	.06	.060	25.67	2.62
25.40	8545.85	5970.149	99.92	.09	.051	27.88	4.84
32.00	17088.51	5970.149	99.94	.11	.102	32.31	9.26
40.30	34132.61	5290.697	99.97	.14	.182	40.17	17.13
50.80	68366.83	2325.581	99.98	.01	.160	47.09	6.91
64.00	136708.10	2151.162	99.99	.02	.296	59.88	19.71
80.60	273060.85	1279.069	99.99	.02	.352	75.10	34.92
101.60	553419.97	116.279	99.99	.02	.064	77.86	37.69
128.00	1093664.77	232.558	99.99	.02	.256	88.93	48.75
161.00	2184016.90	116.279	100.00	.00	.256	99.99	11.06
203.00	4377906.30	.000	100.00	.00	.000	99.99	11.06
TOTAL		22245093.716			2.313		

06/11/74 15.0 m

CARBON	311	mg m^{-3}
NITROGEN	30.0	mg m^{-3}
ATP	0.262	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.92×10^{-3}
FLAGELLATES	4.64×10^{-4}
DINOFLAGELLATES	1.12×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.18×10^{-1}
MICROZOOPLANKTON	1.91×10^{-2}
FAECAL PELLETS	1.09×10^{-2}

DATE: 6/11/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10420149.253	42.78	42.78	.043	2.90	2.90
2.52	8.35	7048507.462	71.72	71.72	.059	6.84	6.84
3.17	16.77	2900746.268	83.63	83.63	.048	10.08	10.08
4.00	33.38	2597761.194	94.30	94.30	.087	15.88	15.88
5.04	66.76	741044.776	97.34	97.34	.049	19.19	19.19
6.35	132.90	341044.776	98.74	98.74	.045	22.24	22.24
8.00	267.01	158208.955	99.39	99.39	.042	25.07	25.07
10.08	537.30	83582.089	99.74	99.74	.044	28.06	28.06
12.70	1068.23	30597.014	99.86	99.86	.032	30.25	30.25
16.00	2136.06	11194.029	99.91	99.91	.024	31.85	31.85
20.20	4298.42	8208.955	99.94	.03	.035	34.20	2.34
25.40	8545.85	2238.805	99.95	.04	.019	35.48	3.62
32.00	17088.51	2383.720	99.96	.05	.041	38.21	6.36
40.30	34132.61	3430.232	99.97	.06	.118	46.09	14.23
50.80	68366.83	2441.860	99.98	.01	.168	57.29	11.20
64.00	136708.10	1511.627	99.99	.01	.208	71.17	25.08
80.60	273060.85	872.093	99.99	.01	.240	87.18	41.09
101.60	553419.97	348.837	100.00	.02	.192	99.99	53.90
128.00	1093664.77	.000	100.00	.02	.000	99.99	53.90
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		24354271.953			1.498		

06/11/74 20.0 m

CARBON	245	mg m^{-3}
NITROGEN	28.0	mg m^{-3}
ATP	0.108	mg m^{-3}

	VOLUME (PPM)
DIATOMS	6.65×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	7.85×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	8.51×10^{-2}
MICROZOOPLANKTON	1.72×10^{-2}
FAECAL PELLETS	1.73×10^{-3}

DATE: 6/11/74 DEPTH: 30.0 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	9030597.014	41.94	41.94	.037	1.89	1.89
2.52	8.35	6524626.865	72.24	72.24	.054	4.62	4.62
3.17	16.77	2400746.268	83.39	83.39	.040	6.64	6.64
4.00	33.38	2222388.059	93.71	93.71	.074	10.37	10.37
5.04	66.76	641044.776	96.69	96.69	.042	12.52	12.52
6.35	132.90	387313.432	98.48	98.48	.051	15.12	15.12
8.00	267.01	169402.985	99.27	99.27	.045	17.39	17.39
10.08	537.30	72388.059	99.61	99.61	.038	19.33	19.33
12.70	1068.23	38059.701	99.78	99.78	.040	21.38	21.38
16.00	2136.06	22388.059	99.89	99.89	.048	23.78	23.78
20.20	4298.42	5223.880	99.91	.02	.022	24.90	1.12
25.40	8545.85	4477.611	99.93	.04	.038	26.83	3.04
32.00	17088.51	2238.805	99.94	.05	.038	28.75	4.96
40.30	34132.61	4593.023	99.97	.07	.158	36.67	12.88
50.80	68366.83	2674.418	99.98	.01	.184	45.89	9.21
64.00	136708.10	1918.604	99.99	.02	.264	59.11	22.44
80.60	273060.85	1220.930	99.99	.02	.336	75.95	39.27
101.60	553419.97	406.976	99.99	.02	.224	87.17	50.50
128.00	1093664.77	232.558	100.00	.02	.256	99.99	63.32
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		21531942.033			1.996		

06/11/74 30.0 m

CARBON	278	mg m^{-3}
NITROGEN	22.0	mg m^{-3}
ATP	0.118	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.73×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	2.62×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.79×10^{-2}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	3.63×10^{-3}

DATE: 6/11/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11738805.970	41.69	41.69	.049	1.74	1.74
2.52	8.35	8891044.776	73.26	73.26	.074	4.38	4.38
3.17	16.77	3380597.014	85.27	85.27	.056	6.39	6.39
4.00	33.38	2427611.940	93.89	93.89	.081	9.28	9.28
5.04	66.76	747014.925	96.54	96.54	.050	11.06	11.06
6.35	132.90	528358.208	98.42	98.42	.070	13.58	13.58
8.00	267.01	231343.283	99.24	99.24	.062	15.78	15.78
10.08	537.30	95522.388	99.58	99.58	.051	17.60	17.60
12.70	1068.23	47761.194	99.75	99.75	.051	19.42	19.42
16.00	2136.06	28358.208	99.85	99.85	.060	21.58	21.58
20.20	4298.42	13432.835	99.90	.04	.057	23.63	2.04
25.40	8545.85	9701.492	99.93	.08	.083	26.58	5.00
32.00	17088.51	4302.325	99.95	.09	.074	29.21	7.63
40.30	34132.61	4534.883	99.96	.11	.156	34.75	13.17
50.80	68366.83	3313.953	99.98	.01	.228	42.86	8.10
64.00	136708.10	2848.837	99.99	.02	.392	56.79	22.03
80.60	273060.85	1511.627	99.99	.02	.416	71.57	36.81
101.60	553419.97	639.534	99.99	.02	.352	84.08	49.32
128.00	1093664.77	174.418	99.99	.03	.192	90.90	56.14
161.00	2184016.90	116.279	100.00	.00	.256	99.99	9.09
203.00	4377906.30	.000	100.00	.00	.000	99.99	9.09
TOTAL		28156994.098			2.814		

06/11/74 40.0 m

CARBON	189	mg m^{-3}
NITROGEN	17.0	mg m^{-3}
ATP	0.0776	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.86×10^{-4}
FLAGELLATES	1.09×10^{-4}
DINOFLAGELLATES	2.09×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.13×10^{-2}
MICROZOOPLANKTON	2.00×10^{-4}
FAECAL PELLETS	2.45×10^{-4}

DATE: 6/11/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	13096263.656	44.96	44.96	.054	1.97	1.97
2.52	8.35	8642537.313	74.64	74.64	.072	4.59	4.59
3.17	16.77	2730597.014	84.01	84.01	.045	6.24	6.24
4.00	33.38	2793283.582	93.60	93.60	.093	9.62	9.62
5.04	66.76	839552.238	96.49	96.49	.056	11.65	11.65
6.35	132.90	554477.611	98.39	98.39	.074	14.33	14.33
8.00	267.01	289552.238	99.38	99.38	.077	17.13	17.13
10.08	537.30	88805.970	99.69	99.69	.047	18.85	18.85
12.70	1068.23	35820.895	99.81	99.81	.038	20.25	20.25
16.00	2136.06	22388.059	99.89	99.89	.048	21.98	21.98
20.20	4298.42	5223.880	99.91	.01	.022	22.79	.80
25.40	8545.85	5290.697	99.92	.03	.045	24.42	2.43
32.00	17068.51	5813.953	99.94	.05	.100	28.03	6.04
40.30	34132.61	5813.953	99.96	.07	.200	35.26	13.27
50.80	68366.83	2906.976	99.97	.00	.200	42.48	7.22
64.00	136708.10	3197.674	99.99	.02	.440	58.38	23.12
80.60	273060.85	1511.627	99.99	.02	.416	73.41	38.15
101.60	553419.97	1220.930	99.99	.03	.672	97.68	62.42
128.00	1093664.77	58.139	100.00	.03	.064	99.99	64.73
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		29124321.415			2.768		

06/11/74 60.0 m

CARBON	353	mg m^{-3}
NITROGEN	25.0	mg m^{-3}
ATP	0.0340	mg m^{-3}

	VOLUME (PPM)
DIATOMS	8.21×10^{-4}
FLAGELLATES	1.80×10^{-4}
DINOFLAGELLATES	1.99×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.99×10^{-1}
MICROZOOPLANKTON	1.70×10^{-3}
FAECAL PELLETS	2.60×10^{-3}

DATE: 7/11/74 DEPT 1: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED Z	Z IN GROUP	VOLUME	ACCUMULATED Z	Z IN GROUP
2.00	4.17	25579850.746	53.62	53.62	.107	1.20	1.20
2.52	8.35	10454477.611	75.54	75.54	.087	2.19	2.19
3.17	16.77	5472388.059	87.01	87.01	.091	3.23	3.23
4.00	33.38	3125373.134	93.56	93.56	.104	4.41	4.41
5.04	66.76	1460447.761	96.62	96.62	.097	5.52	5.52
6.35	132.90	655223.880	97.99	97.99	.087	6.51	6.51
8.00	267.01	427611.940	98.89	98.89	.114	7.80	7.80
10.08	537.30	197014.925	99.30	99.30	.105	9.00	9.00
12.70	1068.23	100406.976	99.51	99.51	.107	10.20	10.20
16.00	2136.06	41511.627	99.60	99.60	.089	11.21	11.21
20.20	4298.42	19418.604	99.64	.04	.083	12.15	.93
25.40	8545.85	14709.302	99.67	.07	.126	13.57	2.36
32.00	17088.51	29534.883	99.73	.13	.508	19.31	8.10
40.30	34132.61	57151.162	99.85	.25	1.966	41.52	30.31
50.80	68366.83	62325.581	99.99	.13	4.288	89.96	48.44
64.00	136708.10	4127.906	99.99	.13	.568	96.38	54.85
80.60	273060.85	348.837	99.99	.14	.096	97.46	55.94
101.60	553419.97	174.418	99.99	.14	.096	98.55	57.02
128.00	1093664.77	116.279	100.00	.14	.128	99.99	58.47
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		47702213.640			8.851		

07/11/74 2.5 m

CARBON	1235	mg m^{-3}
NITROGEN	145	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	
FLAGELLATES	
DINOFLAGELLATES	
SILICOFLAGELLATES	
SUBTOTAL OF PHYTOPLANKTON	
MICROZOOPLANKTON	1.23
FAECAL PELLETS	3.92×10^{-3}

DATE: 8/11/74 DEPTH: 3.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	17526119.402	49.48	49.48	.073	1.32	1.32
2.52	8.35	6937313.432	69.07	69.07	.058	2.36	2.36
3.17	16.77	5773880.597	85.37	85.37	.096	4.10	4.10
4.00	33.38	2573880.597	92.64	92.64	.086	5.66	5.66
5.04	66.76	1194776.119	96.01	96.01	.080	7.10	7.10
6.35	132.90	578358.208	97.64	97.64	.077	8.50	8.50
8.00	267.01	355970.149	98.65	98.65	.095	10.21	10.21
10.08	537.30	170149.253	99.13	99.13	.091	11.86	11.86
12.70	1068.23	93720.930	99.39	99.39	.100	13.66	13.66
16.00	2136.06	85930.232	99.63	99.63	.184	16.97	16.97
20.20	4298.42	22209.302	99.70	.06	.095	18.69	1.71
25.40	8545.85	16627.906	99.74	.10	.143	21.26	4.28
32.00	17088.51	19418.604	99.80	.16	.334	27.28	10.30
40.30	34132.61	31046.511	99.89	.25	1.068	46.52	29.54
50.80	68366.83	35465.116	99.99	.10	2.440	90.48	43.96
64.00	136708.10	2325.581	99.99	.10	.320	96.25	49.72
80.60	273060.85	290.697	99.99	.10	.080	97.69	51.16
101.60	553419.97	116.279	99.99	.10	.064	98.84	52.32
128.00	1093664.77	58.139	100.00	.10	.064	99.99	53.47
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		35417657.062			5.550		

08/11/74 3 m

CARBON	776	mg m^{-3}
NITROGEN	136	mg m^{-3}
ATP		mg m^{-3}

VOLUME (PPM)

DIATOMS
FLAGELLATES
DINOFLAGELLATES
SILICOFLAGELLATES

SUBTOTAL OF PHYTOPLANKTON

MICROZOOPLANKTON 3.00×10^{-1}

FAECAL PELLETS 4.91×10^{-3}

DATE: 12/11/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	22743283.582	54.24	54.24	.095	2.09	2.09
2.52	8.35	7873134.328	73.01	73.01	.065	3.55	3.55
3.17	16.77	6071641.791	87.49	87.49	.101	5.79	5.79
4.00	33.38	2643283.582	93.80	93.80	.088	7.74	7.74
5.04	66.76	1183582.089	96.62	96.62	.079	9.49	9.49
6.35	132.90	563432.835	97.96	97.96	.075	11.16	11.16
8.00	267.01	396268.656	98.91	98.91	.106	13.50	13.50
10.08	537.30	166417.910	99.30	99.30	.089	15.47	15.47
12.70	1068.23	142601.156	99.64	99.64	.154	18.87	18.87
16.00	2136.06	35549.132	99.73	99.73	.076	20.54	20.54
20.20	4298.42	21040.462	99.78	.05	.091	22.55	2.00
25.40	8545.85	15144.508	99.82	.08	.131	25.44	4.89
32.00	17088.51	20462.427	99.86	.13	.354	33.25	12.70
40.30	34132.61	31040.462	99.94	.20	1.074	56.94	36.39
50.80	68366.83	21502.890	99.99	.05	1.488	89.76	32.82
64.00	136708.10	1271.676	99.99	.05	.176	93.64	36.70
80.60	273060.85	462.427	99.99	.05	.128	96.47	39.52
101.60	553419.97	289.017	100.00	.05	.160	99.99	43.05
128.00	1093664.77	.000	100.00	.05	.000	99.99	43.05
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		41930408.937			4.533		

12/11/74 2.5 m

CARBON	1108	mg m^{-3}
NITROGEN	198	mg m^{-3}
ATP		mg m^{-3}

VOLUME (PPM)

DIATOMS	
FLAGELLATES	
DINOFLAGELLATES	
SILICOFLAGELLATES	
SUBTOTAL OF PHYTOPLANKTON	
MICROZOOPLANKTON	3.74×10^{-1}
FAECAL PELLETS	0.0

DATE: 12/11/74 DEPT I: 4.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	22448507.462	50.29	50.29	.094	1.93	1.93
2.52	8.35	8827611.940	70.06	70.06	.073	3.45	3.45
3.17	16.77	7023880.597	85.80	85.80	.117	5.87	5.87
4.00	33.38	3179104.477	92.92	92.92	.106	8.06	8.06
5.04	66.76	1486567.164	96.25	96.25	.099	10.10	10.10
6.35	132.90	733582.089	97.89	97.89	.098	12.12	12.12
8.00	267.01	444776.119	98.89	98.89	.119	14.58	14.58
10.08	537.30	201492.537	99.34	99.34	.108	16.80	16.80
12.70	1068.23	100746.268	99.57	99.57	.108	19.02	19.02
16.00	2136.06	92537.313	99.77	99.77	.198	23.10	23.10
20.20	4298.42	19011.627	99.82	.04	.081	24.76	1.66
25.40	8545.85	10697.674	99.84	.06	.092	26.65	3.55
32.00	17088.51	14476.744	99.87	.09	.249	31.77	8.67
40.30	34132.61	23313.953	99.93	.15	.802	48.26	25.16
50.80	68366.83	27848.837	99.99	.06	1.916	87.66	39.39
64.00	136708.10	2848.837	99.99	.06	.392	95.72	47.45
80.60	273060.85	290.697	99.99	.06	.080	97.36	49.10
101.60	553419.97	232.558	100.00	.06	.128	99.99	51.73
128.00	1093664.77	.000	100.00	.06	.000	99.99	51.73
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		44637526.899			4.863		

12/11/74 4 m

CARBON	1346	mg m^{-3}
NITROGEN	160	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	
FLAGELLATES	
DINOFLAGELLATES	
SILICOFLAGELLATES	
SUBTOTAL OF PHYTOPLANKTON	
MICROZOOPLANKTON	1.26×10^{-1}
FAECAL PELLETS	1.54×10^{-3}

DATE: 13/11/74 DEPTH: 3.2 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	21736567.164	51.52	51.52	.091	2.63	2.63
2.52	8.35	10170149.253	75.62	75.62	.085	5.10	5.10
3.17	16.77	4717164.179	86.81	86.81	.079	7.40	7.40
4.00	33.38	2670895.522	93.14	93.14	.089	9.99	9.99
5.04	66.76	1294029.850	96.20	96.20	.086	12.50	12.50
6.35	132.90	708955.223	97.88	97.88	.095	15.26	15.26
8.00	267.01	520895.522	99.12	99.12	.139	19.31	19.31
10.08	537.30	176119.402	99.54	99.54	.094	22.05	22.05
12.70	1068.23	71641.791	99.71	99.71	.076	24.28	24.28
16.00	2136.06	25813.953	99.77	99.77	.055	25.87	25.87
20.20	4298.42	17325.581	99.81	.04	.074	28.02	2.14
25.40	8545.85	20116.279	99.86	.08	.173	33.04	7.16
32.00	17088.51	18837.209	99.90	.13	.324	42.44	16.56
40.30	34132.61	26860.465	99.96	.19	.924	69.24	43.37
50.80	68366.83	12151.162	99.99	.02	.836	93.50	24.25
64.00	136708.10	465.116	99.99	.02	.064	95.35	26.10
80.60	273060.85	116.279	99.99	.03	.032	96.28	27.03
101.60	553419.97	.000	99.99	.03	.000	96.28	27.03
128.00	1093664.77	.000	99.99	.03	.000	96.28	27.03
161.00	2184016.90	58.139	100.00	.00	.128	99.99	3.71
203.00	4377906.30	.000	100.00	.00	.000	99.99	3.71
TOTAL		42188162.095			3.447		

13/11/74 3.2 m

CARBON	443	mg m^{-3}
NITROGEN	71.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	
FLAGELLATES	
DINOFLAGELLATES	
SILICOFLAGELLATES	
SUBTOTAL OF PHYTOPLANKTON	
MICROZOOPLANKTON	2.53×10^{-1}
FAECAL PELLETS	0.0

DATE: 14/11/74 DEPTH: 1.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	21618656.716	50.74	50.74	.090	2.04	2.04
2.52	8.35	8706716.417	71.18	71.18	.072	3.69	3.69
3.17	16.77	6600000.000	86.67	86.67	.110	6.19	6.19
4.00	33.38	2835820.895	93.33	93.33	.095	8.34	8.34
5.04	66.76	1331343.283	96.45	96.45	.089	10.36	10.36
6.35	132.90	691044.776	98.07	98.07	.092	12.45	12.45
8.00	267.01	394776.119	99.00	99.00	.105	14.84	14.84
10.08	537.30	134328.358	99.32	99.32	.072	16.47	16.47
12.70	1068.23	94776.119	99.54	99.54	.101	18.77	18.77
16.00	2136.06	91162.790	99.75	99.75	.196	23.20	23.20
20.20	4298.42	15348.837	99.79	.03	.066	24.70	1.49
25.40	8545.85	13546.511	99.82	.06	.116	27.32	4.11
32.00	17088.51	15988.372	99.86	.10	.275	33.54	10.33
40.30	34132.61	36686.046	99.94	.19	1.262	62.09	38.88
50.80	68366.83	20174.418	99.99	.04	1.388	93.48	31.39
64.00	136708.10	1162.790	99.99	.05	.160	97.10	35.01
80.60	273060.85	116.279	99.99	.05	.032	97.82	35.73
101.60	553419.97	174.418	100.00	.05	.096	99.99	37.90
128.00	1093664.77	.000	100.00	.05	.000	99.99	37.90
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		42601823.151			4.421		

14/11/74 1.5 m

CARBON	527	mg m^{-3}
NITROGEN	70.0	mg m^{-3}
ATP		mg m^{-3}

VOLUME (PPM)

DIATOMS	
FLAGELLATES	
DINOFLAGELLATES	
SILICOFLAGELLATES	
SUBTOTAL OF PHYTOPLANKTON	
MICROZOOPLANKTON	3.95×10^{-1}
FAECAL PELLETS	0.0

DATE: 15/11/74 DEPTH: 1.4 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11738805.970	45.55	45.55	.049	3.43	3.43
2.52	8.35	6107462.686	69.26	69.26	.051	7.00	7.00
3.17	16.77	4003731.343	84.80	84.80	.067	11.68	11.68
4.00	33.38	2011940.298	92.60	92.60	.067	16.39	16.39
5.04	66.76	895522.388	96.08	96.08	.060	20.58	20.58
6.35	132.90	517164.179	98.09	98.09	.069	25.43	25.43
8.00	267.01	261940.298	99.10	99.10	.070	30.33	30.33
10.08	537.30	100746.268	99.50	99.50	.054	34.11	34.11
12.70	1068.23	49253.731	99.69	99.69	.052	37.80	37.80
16.00	2136.06	22151.162	99.77	99.77	.047	41.08	41.08
20.20	4298.42	18197.674	99.84	.07	.078	46.53	5.45
25.40	8545.85	20116.279	99.92	.14	.173	58.62	17.54
32.00	17088.51	10348.837	99.96	.18	.178	71.06	29.98
40.30	34132.61	6337.209	99.99	.21	.218	86.30	45.21
50.80	68366.83	2151.162	99.99	.00	.148	96.64	10.34
64.00	136708.10	116.279	99.99	.00	.016	97.76	11.46
80.60	273060.85	116.279	100.00	.00	.032	99.99	13.69
101.60	553419.97	.000	100.00	.00	.000	99.99	13.69
128.00	1093664.77	.000	100.00	.00	.000	99.99	13.69
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		25766102.047			1.430		

15/11/74

CARBON	248	mg m^{-3}
NITROGEN	34.0	mg m^{-3}
ATP		mg m^{-3}

	VOLUME (PPM)
DIATOMS	
FLAGELLATES	
DINOFLAGELLATES	
SILICOFLAGELLATES	
SUBTOTAL OF PHYTOPLANKTON	
MICROZOOPLANKTON	4.55×10^{-2}
FAECAL PELLETS	4.05×10^{-3}

DATE: 20/11/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	18605970.149	48.94	48.94	.077	1.72	1.72
2.52	8.35	7111940.298	67.65	67.65	.059	3.04	3.04
3.17	16.77	6766417.910	85.45	85.45	.113	5.56	5.56
4.00	33.38	2738805.970	92.65	92.65	.091	7.59	7.59
5.04	66.76	1354477.611	96.22	96.22	.090	9.61	9.61
6.35	132.90	751492.537	98.19	98.19	.100	11.84	11.84
8.00	267.01	301492.537	98.99	98.99	.080	13.64	13.64
10.08	537.30	164925.373	99.42	99.42	.088	15.60	15.60
12.70	1068.23	96268.656	99.67	99.67	.103	17.89	17.89
16.00	2136.06	52985.074	99.81	99.81	.113	20.41	20.41
20.20	4298.42	26865.671	99.88	.07	.115	22.97	2.55
25.40	8545.85	11940.298	99.91	.10	.102	25.24	4.82
32.00	17088.51	7674.418	99.93	.12	.132	28.17	7.75
40.30	34132.61	6918.604	99.95	.14	.238	33.45	13.04
50.80	68366.83	7034.883	99.97	.01	.484	44.20	10.74
64.00	136708.10	4593.023	99.98	.03	.632	58.22	24.77
80.60	273060.85	3197.674	99.99	.03	.880	77.76	44.30
101.60	553419.97	988.372	99.99	.04	.554	90.05	56.59
128.00	1093664.77	290.697	99.99	.04	.320	97.15	63.70
161.00	2184016.90	58.139	100.00	.00	.128	99.99	2.84
203.00	4377906.30	.000	100.00	.00	.000	99.99	2.84
TOTAL		38014337.902			4.505		

20/11/74 0 m

CARBON	243	mg m^{-3}
NITROGEN	19.0	mg m^{-3}
ATP	0.0944	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	1.00×10^{-1}
SILICOFLAGELLATES	6.90×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	1.01×10^{-1}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	4.48×10^{-3}

DATE: 20/11/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	19110447.761	49.46	49.46	.080	1.35	1.35
2.52	8.35	7527611.940	68.94	68.94	.063	2.42	2.42
3.17	16.77	7350000.000	87.96	87.96	.123	4.50	4.50
4.00	33.38	2347761.194	94.04	94.04	.078	5.83	5.83
5.04	66.76	1061940.298	96.79	96.79	.071	7.04	7.04
6.35	132.90	508208.955	98.11	98.11	.068	8.19	8.19
8.00	267.01	350746.268	99.01	99.01	.094	9.78	9.78
10.08	537.30	152985.074	99.41	99.41	.082	11.17	11.17
12.70	1068.23	61940.298	99.57	99.57	.066	12.30	12.30
16.00	2136.06	30697.674	99.65	99.65	.066	13.42	13.42
20.20	4298.42	22034.883	99.71	.05	.094	15.01	1.59
25.40	8545.85	17325.581	99.75	.10	.149	17.53	4.11
32.00	17088.51	21627.906	99.81	.15	.372	23.83	10.41
40.30	34132.61	38488.372	99.91	.25	1.324	46.26	32.84
50.80	68366.83	29244.186	99.98	.07	2.012	80.34	34.08
64.00	136708.10	3081.395	99.99	.08	.424	87.53	41.26
80.60	273060.85	1395.348	99.99	.08	.384	94.03	47.76
101.60	553419.97	639.534	100.00	.08	.352	99.99	53.73
128.00	1093664.77	.000	100.00	.08	.000	99.99	53.73
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		38636176.673			5.903		

20/11/74 2.5 m

CARBON	289	mg m^{-3}
NITROGEN	34.0	mg m^{-3}
ATP	1.372	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	1.06×10^{-1}
SILICOFLAGELLATES	2.43×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	1.06×10^{-1}
MICROZOOPLANKTON	4.42×10^{-2}
FAECAL PELLETS	1.49×10^{-4}

DATE: 20/11/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	15441791.044	46.69	46.69	.064	1.57	1.57
2.52	8.35	6240298.507	65.56	65.56	.052	2.84	2.84
3.17	16.77	7033582.089	86.83	86.83	.117	5.71	5.71
4.00	33.38	2144029.850	93.31	93.31	.071	7.46	7.46
5.04	66.76	1085074.626	96.59	96.59	.072	9.24	9.24
6.35	132.90	495522.388	98.09	98.09	.066	10.85	10.85
8.00	267.01	280597.014	98.94	98.94	.075	12.69	12.69
10.08	537.30	155223.880	99.41	99.41	.083	14.72	14.72
12.70	1068.23	95522.388	99.69	99.69	.102	17.21	17.21
16.00	2136.06	20406.976	99.76	99.76	.043	18.26	18.26
20.20	4298.42	12267.441	99.79	.03	.052	19.53	1.26
25.40	8545.85	8488.372	99.82	.06	.073	21.31	3.04
32.00	17088.51	18139.534	99.87	.11	.312	28.91	10.65
40.30	34132.61	18023.255	99.93	.17	.620	44.03	25.76
50.80	68366.83	18255.813	99.98	.05	1.256	74.64	30.61
64.00	136708.10	2558.139	99.99	.06	.352	83.22	39.19
80.60	273060.85	755.813	99.99	.06	.208	88.29	44.26
101.60	553419.97	290.697	99.99	.06	.160	92.19	48.16
128.00	1093664.77	174.418	99.99	.06	.192	96.87	52.84
161.00	2184016.90	58.139	100.00	.00	.128	99.99	3.12
203.00	4377906.30	.000	100.00	.00	.000	99.99	3.12
TOTAL		33071060.394			4.102		

20/11/74 5.0 m

CARBON	448	mg m^{-3}
NITROGEN	47.0	mg m^{-3}
ATP	1.185	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.10×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	1.48
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.48
MICROZOOPLANKTON	1.05×10^{-1}
FAECAL PELLETS	0.0

DATE: 20/11/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	14738059.701	45.05	45.05	.061	3.24	3.24
2.52	8.35	7113432.835	66.80	66.80	.059	6.37	6.37
3.17	16.77	6947014.925	88.03	88.03	.116	12.48	12.48
4.00	33.38	1956716.417	94.01	94.01	.065	15.92	15.92
5.04	66.76	963432.835	96.96	96.96	.064	19.31	19.31
6.35	132.90	506716.417	98.51	98.51	.067	22.88	22.88
8.00	267.01	261940.298	99.31	99.31	.070	26.57	26.57
10.08	537.30	115671.641	99.66	99.66	.062	29.83	29.83
12.70	1068.23	63432.835	99.86	99.86	.068	33.40	33.40
16.00	2136.06	17267.441	99.91	99.91	.037	35.35	35.35
20.20	4298.42	10581.395	99.94	.03	.045	37.71	2.36
25.40	8545.85	4244.186	99.96	.04	.036	39.60	4.25
32.00	17088.51	4825.581	99.97	.06	.083	43.97	8.61
40.30	34132.61	3895.348	99.98	.07	.134	51.01	15.66
50.80	68366.83	2034.883	99.99	.00	.140	58.37	7.35
64.00	136708.10	1220.930	99.99	.00	.168	67.20	16.18
80.60	273060.85	523.255	99.99	.01	.144	74.77	23.75
101.60	553419.97	406.976	99.99	.01	.224	86.54	35.53
128.00	1093664.77	116.279	99.99	.01	.128	93.27	42.25
161.00	2184016.90	58.139	100.00	.00	.128	99.99	6.72
203.00	4377906.30	.000	100.00	.00	.000	99.99	6.72
TOTAL		32711592.328			1.902		

20/11/74 10.0 m

CARBON	296	mg m^{-3}
NITROGEN	31.0	mg m^{-3}
ATP	0.352	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	1.09×10^{-3}
DINOFLAGELLATES	7.87×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	7.98×10^{-2}
MICROZOOPLANKTON	3.00×10^{-2}
FAECAL PELLETS	0.0

DATE: 20/11/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11549253.731	45.07	45.07	.048	2.27	2.27
2.52	8.35	4554477.611	62.85	62.85	.038	4.06	4.06
3.17	16.77	5979104.477	86.19	86.19	.100	8.77	8.77
4.00	33.38	1605970.149	92.45	92.45	.053	11.30	11.30
5.04	66.76	860447.761	95.81	95.81	.057	14.01	14.01
6.35	132.90	481343.283	97.69	97.69	.064	17.04	17.04
8.00	267.01	308955.223	98.90	98.90	.082	20.94	20.94
10.08	537.30	111940.298	99.33	99.33	.060	23.76	23.76
12.70	1068.23	72388.059	99.62	99.62	.077	27.41	27.41
16.00	2136.06	63432.835	99.86	99.86	.136	33.81	33.81
20.20	4298.42	10581.395	99.91	.04	.045	35.93	2.11
25.40	8545.85	6627.906	99.93	.06	.057	38.61	4.79
32.00	17088.51	5290.697	99.95	.08	.091	42.89	9.07
40.30	34132.61	4825.581	99.97	.10	.166	50.70	16.88
50.80	68366.83	3255.813	99.98	.01	.224	61.23	10.53
64.00	136708.10	1686.046	99.99	.01	.232	72.15	21.45
80.60	273060.85	872.093	99.99	.02	.240	83.44	32.74
101.60	553419.97	290.697	99.99	.02	.160	90.96	40.26
128.00	1093664.77	174.418	100.00	.02	.192	99.99	49.29
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		25620918.083			2.125		

20/11/74 15.0 m

CARBON	212	mg m^{-3}
NITROGEN	21.0	mg m^{-3}
ATP	0.213	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.34×10^{-2}
FLAGELLATES	0.0
DINOFLAGELLATES	4.46×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	9.80×10^{-2}
MICROZOOPLANKTON	2.43×10^{-2}
FAECAL PELLETS	1.05×10^{-2}

DATE: 20/11/74 DEPTH: 20.0 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10558955.223	45.79	45.79	.044	2.02	2.02
2.52	8.35	4157462.686	63.83	63.83	.034	3.61	3.61
3.17	16.77	5349253.731	87.03	87.03	.089	7.71	7.71
4.00	33.38	1361194.029	92.93	92.93	.045	9.80	9.80
5.04	66.76	723880.597	96.07	96.07	.048	12.02	12.02
6.35	132.90	400000.000	97.81	97.81	.053	14.47	14.47
8.00	267.01	244776.119	98.87	98.87	.065	17.48	17.48
10.08	537.30	113432.835	99.36	99.36	.060	20.26	20.26
12.70	1068.23	67910.447	99.66	99.66	.072	23.59	23.59
16.00	2136.06	53731.343	99.89	99.89	.115	28.86	28.86
20.20	4298.42	8895.348	99.93	.03	.038	30.60	1.73
25.40	8545.85	4360.465	99.95	.05	.037	32.30	3.43
32.00	17088.51	3662.790	99.96	.07	.063	35.18	6.31
40.30	34132.61	3023.255	99.98	.08	.104	39.94	11.07
50.80	68366.83	1395.348	99.98	.00	.096	44.34	4.39
64.00	136708.10	1279.069	99.99	.01	.176	52.39	12.45
80.60	273060.85	639.534	99.99	.01	.176	0.45	20.50
101.60	553419.97	755.813	99.99	.01	.416	79.49	39.54
128.00	1093664.77	290.697	99.99	.01	.320	94.14	54.19
161.00	2184016.90	58.139	100.00	.00	.128	99.99	5.85
203.00	4377906.30	.000	100.00	.00	.000	99.99	5.85
TOTAL		23054957.479			2.184		

20/11/74 20.0 m

CARBON	151	mg m^{-3}
NITROGEN	17.0	mg m^{-3}
ATP	0.154	mg m^{-3}

	VOLUME (PPM)
DIATOMS	6.91×10^{-3}
FLAGELLATES	3.04×10^{-4}
DINOFLAGELLATES	3.04×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	6.59×10^{-2}
MICROZOOPLANKTON	1.42×10^{-2}
FAECAL PELLETS	3.43×10^{-3}

DATE: 20/11/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12120149.253	48.12	48.12	.050	2.83	2.83
2.52	8.35	4233582.089	64.93	64.93	.035	4.80	4.80
3.17	16.77	5174626.865	85.48	85.48	.086	9.64	9.64
4.00	33.38	1384328.358	90.98	90.98	.046	12.23	12.23
5.04	66.76	1011194.029	95.00	95.00	.067	16.01	16.01
6.35	132.90	640298.507	97.54	97.54	.085	20.80	20.80
8.00	267.01	367910.447	99.00	99.00	.098	26.31	26.31
10.08	537.30	117910.447	99.47	99.47	.063	29.84	29.84
12.70	1068.23	66417.910	99.73	99.73	.071	33.82	33.82
16.00	2136.06	34328.358	99.87	99.87	.073	37.93	37.93
20.20	4298.42	13023.255	99.92	.05	.056	41.06	3.12
25.40	8545.85	6918.604	99.95	.07	.059	44.36	6.42
32.00	17088.51	4767.441	99.97	.09	.082	48.94	11.00
40.30	34132.61	2732.558	99.98	.10	.094	54.19	16.25
50.80	68366.83	1686.046	99.98	.00	.116	60.67	6.48
64.00	136708.10	1744.186	99.99	.01	.240	74.07	19.88
80.60	273060.85	1104.651	99.99	.01	.304	91.06	36.86
101.60	553419.97	58.139	99.99	.01	.032	92.84	38.65
128.00	1093664.77	116.279	100.00	.01	.128	99.99	45.80
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		25182897.430			1.790		

20/11/74 30.0 m

CARBON	133	mg m^{-3}
NITROGEN	15.0	mg m^{-3}
ATP	0.154	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.37×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	3.58×10^{-2}
SILICOFLAGELLATES	1.27×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	3.93×10^{-2}
MICROZOOPLANKTON	3.04×10^{-3}
FAECAL PELLETS	

DATE: 20/11/74 DEPTH: 40.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12720895.522	51.02	51.02	.053	4.13	4.13
2.52	8.35	4523134.328	69.17	69.17	.037	7.06	7.06
3.17	16.77	5003731.343	89.24	89.24	.083	13.57	13.57
4.00	33.38	1135820.895	93.80	93.80	.038	16.52	16.52
5.04	66.76	729104.477	96.72	96.72	.048	20.31	20.31
6.35	132.90	458955.223	98.56	98.56	.061	25.08	25.08
8.00	267.01	186567.164	99.31	99.31	.050	28.96	28.96
10.08	537.30	78358.208	99.62	99.62	.042	32.23	32.23
12.70	1068.23	46268.656	99.81	99.81	.049	36.08	36.08
16.00	2136.06	27611.940	99.92	99.92	.059	40.67	40.67
20.20	4298.42	7151.162	99.95	.02	.030	43.00	2.32
25.40	8545.85	3662.790	99.96	.04	.031	45.41	4.73
32.00	17088.51	2500.000	99.97	.05	.043	48.75	8.07
40.30	34132.61	1976.744	99.98	.06	.068	54.03	13.35
50.80	68366.83	1627.906	99.99	.00	.112	62.73	8.69
64.00	136708.10	813.953	99.99	.00	.112	71.42	17.39
80.60	273060.85	523.255	99.99	.01	.144	82.60	28.57
101.60	553419.97	290.697	99.99	.01	.160	95.03	40.99
128.00	1093664.77	58.139	100.00	.01	.064	99.99	45.96
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		24929052.411			1.287		

20/11/74	40.0 m	
CARBON	201	mg m^{-3}
NITROGEN	18.0	mg m^{-3}
ATP	0.050	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.11×10^{-3}
FLAGELLATES	2.09×10^{-4}
DINOFLAGELLATES	1.58×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	1.62×10^{-1}
MICROZOOPLANKTON	9.50×10^{-3}
FAECAL PELLETS	4.79×10^{-4}

DATE: 20/11/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11855970.149	48.30	48.30	.049	2.41	2.41
2.52	8.35	4352985.074	66.03	66.03	.036	4.19	4.19
3.17	16.77	5344776.119	87.80	87.80	.089	8.56	8.56
4.00	33.38	1380597.014	93.43	93.43	.046	10.81	10.81
5.04	66.76	762686.567	96.54	96.54	.051	13.30	13.30
6.35	132.90	452238.805	98.38	98.38	.060	16.26	16.26
8.00	267.01	203731.343	99.21	99.21	.054	18.92	18.92
10.08	537.30	91791.044	99.58	99.58	.049	21.32	21.32
12.70	1068.23	47014.925	99.77	99.77	.050	23.76	23.76
16.00	2136.06	25373.134	99.88	99.88	.054	26.41	26.41
20.20	4298.42	8208.955	99.91	.03	.035	28.13	1.71
25.40	8545.85	5755.813	99.93	.05	.049	30.52	4.10
32.00	17088.51	4476.744	99.95	.07	.077	34.27	7.85
40.30	34132.61	3953.488	99.97	.09	.136	40.90	14.49
50.80	68366.83	2790.697	99.98	.01	.196	50.46	9.55
64.00	136708.10	2267.441	99.99	.02	.312	65.67	24.76
80.60	273060.85	1162.790	99.99	.02	.320	81.27	40.37
101.60	553419.97	348.837	99.99	.02	.192	90.63	49.73
128.00	1093664.77	174.418	100.00	.02	.192	99.99	59.09
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		24546303.365			2.051		

20/11/74 60.0 m

CARBON	115	mg m^{-3}
NITROGEN	13.0	mg m^{-3}
ATP	0.022	mg m^{-3}

	VOLUME (PPM)
DIATOMS	0.0
FLAGELLATES	0.0
DINOFLAGELLATES	2.30×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	2.30×10^{-1}
MICROZOOPLANKTON	0.0
FAECAL PELLETS	7.16×10^{-4}

DATE: 4/12/74 DEPTH: .0 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	20094029.850	48.59	48.59	.084	4.64	4.64
2.52	8.35	8279104.477	68.61	68.61	.069	8.46	8.46
3.17	16.77	6590298.507	84.55	84.55	.110	14.55	14.55
4.00	33.38	3148507.462	92.16	92.16	.105	20.36	20.36
5.04	66.76	1537313.432	95.88	95.88	.103	26.04	26.04
6.35	132.90	820895.522	97.87	97.87	.110	32.11	32.11
8.00	267.01	457462.686	98.97	98.97	.122	38.88	38.88
10.08	537.30	204477.611	99.47	99.47	.109	44.93	44.93
12.70	1068.23	100746.268	99.71	99.71	.103	50.89	50.89
16.00	2136.06	58955.223	99.85	99.85	.126	57.86	57.86
20.20	4298.42	32835.820	99.93	.07	.140	65.63	7.76
25.40	8545.85	12686.567	99.96	.11	.108	71.63	13.77
32.00	17088.51	4883.720	99.97	.12	.084	76.27	18.40
40.30	34132.61	5523.255	99.99	.13	.190	86.75	28.89
50.80	68366.83	2790.697	99.99	.00	.192	97.35	10.59
64.00	136708.10	116.279	99.99	.00	.016	98.23	11.47
80.60	273060.85	.000	99.99	.00	.000	98.23	11.47
101.60	553419.97	58.139	100.00	.00	.032	99.99	13.24
128.00	1093664.77	.000	100.00	.00	.000	99.99	.00
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00			
TOTAL		41350685.524			1.812		

04/12/74 0 m

CARBON	214	mg m^{-3}
NITROGEN	27.0	mg m^{-3}
ATP	0.426	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.39×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	9.55×10^{-2}
SILICOFLAGELLATES	1.25×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	9.71×10^{-2}
MICROZOOPLANKTON	1.30×10^{-2}
FAECAL PELLETS	5.34×10^{-4}

DATE: 4/12/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	17093283.582	46.38	46.38	.071	3.44	3.44
2.52	8.35	7861194.029	67.71	67.71	.065	6.61	6.61
3.17	16.77	6433582.089	85.17	85.17	.107	11.79	11.79
4.00	33.38	2907462.686	93.06	93.06	.097	16.48	16.48
5.04	66.76	1243283.582	96.43	96.43	.083	20.50	20.50
6.35	132.90	613432.835	98.10	98.10	.082	24.45	24.45
8.00	267.01	380597.014	99.13	99.13	.102	29.37	29.37
10.08	537.30	168656.716	99.59	99.59	.090	33.72	33.72
12.70	1068.23	67910.447	99.77	99.77	.072	37.23	37.23
16.00	2136.06	32089.552	99.86	99.86	.068	40.54	40.54
20.20	4298.42	17164.179	99.91	.04	.073	44.08	3.54
25.40	8545.85	9825.581	99.93	.07	.084	48.13	7.58
32.00	17088.51	9709.302	99.96	.09	.167	56.17	15.63
40.30	34132.61	7500.000	99.98	.11	.258	68.60	28.05
50.80	68366.83	3313.953	99.99	.00	.228	79.58	10.98
64.00	136708.10	639.534	99.99	.01	.088	83.81	15.21
80.60	273060.85	988.372	99.99	.01	.272	96.91	28.31
101.60	553419.97	116.279	100.00	.01	.064	99.99	31.39
128.00	1093664.77	.000	100.00	.01	.000	99.99	31.39
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		36850749.738			2.076		

04/12/74 2.5 m

CARBON	234	mg m^{-3}
NITROGEN	28.0	mg m^{-3}
ATP	0.128	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.67×10^{-4}
FLAGELLATES	0.0
DINOFLAGELLATES	9.42×10^{-2}
SILICOFLAGELLATES	1.83×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	9.62×10^{-2}
MICROZOOPLANKTON	6.24×10^{-2}
FAECAL PELLETS	5.33×10^{-4}

DATE: 4/12/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	13659701.492	47.25	47.25	.057	1.61	1.61
2.52	8.35	5738059.701	67.10	67.10	.048	2.97	2.97
3.17	16.77	5148507.462	84.90	84.90	.086	5.40	5.40
4.00	33.38	2122388.059	92.25	92.25	.071	7.41	7.41
5.04	66.76	1024626.865	95.79	95.79	.068	9.35	9.35
6.35	132.90	541791.044	97.66	97.66	.072	11.40	11.40
8.00	267.01	359701.492	98.91	98.91	.096	14.12	14.12
10.08	537.30	153731.343	99.44	99.44	.082	16.45	16.45
12.70	1068.23	68656.716	99.68	99.68	.073	18.52	18.52
16.00	2136.06	41044.776	99.82	99.82	.088	21.01	21.01
20.20	4298.42	14179.104	99.87	.04	.060	22.73	1.71
25.40	8545.85	7965.116	99.90	.07	.068	24.65	3.63
32.00	17088.51	6279.069	99.92	.09	.108	27.70	6.68
40.30	34132.61	7558.139	99.94	.12	.260	35.04	14.03
50.80	68366.83	7500.000	99.97	.02	.516	49.61	14.57
64.00	136708.10	4011.627	99.98	.03	.552	65.20	30.16
80.60	273060.85	1802.325	99.99	.04	.496	79.21	44.16
101.60	553419.97	988.372	99.99	.04	.544	94.57	59.53
128.00	1093664.77	174.418	100.00	.05	.192	99.99	64.95
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		28908667.128			3.540		

04/12/74 5.0 m

CARBON	210	mg m^{-3}
NITROGEN	27.0	mg m^{-3}
ATP	0.192	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.15×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	2.42×10^{-1}
SILICOFLAGELLATES	3.26×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	2.46×10^{-1}
MICROZOOPLANKTON	5.85×10^{-2}
FAECAL PELLETS	0.0

DATE: 4/12/74 DEPTH: 10.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	17238059.701	47.69	47.69	.072	3.68	3.68
2.52	8.35	7873134.328	69.48	69.48	.065	7.05	7.05
3.17	16.77	6116417.910	86.40	86.40	.102	12.28	12.28
4.00	33.38	2394029.850	93.03	93.03	.080	16.38	16.38
5.04	66.76	1146268.656	96.20	96.20	.076	20.31	20.31
6.35	132.90	651492.537	98.00	98.00	.087	24.77	24.77
8.00	267.01	358955.223	98.99	98.99	.096	29.69	29.69
10.08	537.30	172388.059	99.47	99.47	.092	34.42	34.42
12.70	1068.23	81343.283	99.70	99.70	.087	38.87	38.87
16.00	2136.06	58208.955	99.86	99.86	.124	45.25	45.25
20.20	4298.42	26865.671	99.93	.07	.115	51.14	5.88
25.40	8545.85	10447.761	99.96	.10	.089	55.72	10.46
32.00	17088.51	4767.441	99.97	.11	.082	59.92	14.66
40.30	34132.61	2906.976	99.98	.12	.100	65.03	19.77
50.80	68366.83	2383.720	99.99	.00	.164	73.41	8.38
64.00	136708.10	1337.209	99.99	.01	.184	82.82	17.79
80.60	273060.85	872.093	99.99	.01	.240	95.09	30.05
101.60	553419.97	174.418	100.00	.01	.096	99.99	34.96
128.00	1093664.77	.000	100.00	.01	.000	99.99	34.96
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		36140053.800			1.956		

04/12/74 10.0 m

CARBON	206	mg m^{-3}
NITROGEN	24.0	mg m^{-3}
ATP	0.028	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.02×10^{-5}
FLAGELLATES	1.44×10^{-3}
DINOFLAGELLATES	1.01×10^{-1}
SILICOFLAGELLATES	5.79×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	1.03×10^{-1}
MICROZOOPLANKTON	1.40×10^{-3}
FAECAL PELLETS	0.0

DATE: 4/12/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10870149.253	46.61	46.61	.045	3.96	3.96
2.52	8.35	4767910.447	67.06	67.06	.039	7.44	7.44
3.17	16.77	4375373.134	85.82	85.82	.073	13.82	13.82
4.00	33.38	1548507.462	92.46	92.46	.051	18.33	18.33
5.04	66.76	821641.791	95.98	95.98	.055	23.12	23.12
6.35	132.90	435074.626	97.85	97.85	.058	28.20	28.20
8.00	267.01	248507.462	98.91	98.91	.066	34.01	34.01
10.08	537.30	120149.253	99.43	99.43	.064	39.62	39.62
12.70	1068.23	53731.343	99.66	99.66	.057	44.64	44.64
16.00	2136.06	32835.820	99.80	99.80	.070	50.77	50.77
20.20	4298.42	28358.208	99.92	.12	.121	61.37	10.59
25.40	8545.85	9701.492	99.96	.16	.083	68.62	17.84
32.00	17088.51	3720.930	99.98	.17	.064	74.20	23.42
40.30	34132.61	1860.465	99.99	.18	.064	79.78	29.00
50.80	68366.83	1162.790	99.99	.00	.080	86.75	6.97
64.00	136708.10	523.255	99.99	.00	.072	93.02	13.24
80.60	273060.85	290.697	100.00	.00	.080	99.99	20.21
101.60	553419.97	.000	100.00	.00	.000	99.99	20.21
128.00	1093664.77	.000	100.00	.00	.000	99.99	.00
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00			
TOTAL		23319498.437			1.147		

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04/12/74 15.0 m

CARBON	228	mg m^{-3}
NITROGEN	21.0	mg m^{-3}
ATP	0.092	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.20×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	9.87×10^{-2}
SILICOFLAGELLATES	1.48×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	1.00×10^{-1}
MICROZOOPLANKTON	3.20×10^{-1}
FAECAL PELLETS	1.14×10^{-3}

DATE: 4/12/74 DEPTH: 20.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12754477.611	47.68	47.68	.053	3.39	3.39
2.52	8.35	5571641.791	68.51	68.51	.046	6.36	6.36
3.17	16.77	4664179.104	85.94	85.94	.078	11.33	11.33
4.00	33.38	1740298.507	92.45	92.45	.058	15.04	15.04
5.04	66.76	891791.044	95.78	95.78	.059	18.83	18.83
6.35	132.90	468656.716	97.54	97.54	.062	22.83	22.83
8.00	267.01	276119.402	98.57	98.57	.074	27.54	27.54
10.08	537.30	152238.805	99.14	99.14	.081	32.73	32.73
12.70	1068.23	122388.059	99.60	99.60	.131	41.08	41.08
16.00	2136.06	67164.179	99.85	99.85	.144	50.24	50.24
20.20	4298.42	23372.093	99.93	.08	.100	56.60	6.36
25.40	8545.85	5755.813	99.96	.10	.049	59.72	9.48
32.00	17088.51	3546.511	99.97	.12	.061	63.60	13.36
40.30	34132.61	3488.372	99.98	.13	.120	71.24	20.99
50.80	68366.83	2151.162	99.99	.00	.148	80.65	9.41
64.00	136708.10	930.232	99.99	.01	.128	88.80	17.56
80.60	273060.85	174.418	99.99	.01	.048	91.85	20.61
101.60	553419.97	232.558	100.00	.01	.128	99.99	28.75
128.00	1093664.77	.000	100.00	.01	.000	99.99	28.75
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		26748606.385			1.571		

04/12/74 20.0 m

CARBON	219	mg m^{-3}
NITROGEN	24.0	mg m^{-3}
ATP	0.136	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.50×10^{-3}
FLAGELLATES	1.59×10^{-4}
DINOFLAGELLATES	1.72×10^{-1}
SILICOFLAGELLATES	2.22×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	1.74×10^{-1}
MICROZOOPLANKTON	1.18×10^{-2}
FAECAL PELLETS	4.08×10^{-4}

DATE: 4/12/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10152238.805	46.62	46.62	.042	3.05	3.05
2.52	8.35	4455223.880	67.08	67.08	.037	5.74	5.74
3.17	16.77	4103731.343	85.93	85.93	.068	10.69	10.69
4.00	33.38	1333582.089	92.05	92.05	.044	13.90	13.90
5.04	66.76	767910.447	95.58	95.58	.051	17.60	17.60
6.35	132.90	419402.985	97.51	97.51	.056	21.64	21.64
8.00	267.01	247761.194	98.64	98.64	.066	26.42	26.42
10.08	537.30	141044.776	99.29	99.29	.075	31.86	31.86
12.70	1068.23	64925.373	99.59	99.59	.069	36.87	36.87
16.00	2136.06	49253.731	99.82	99.82	.105	44.48	44.48
20.20	4298.42	19402.985	99.91	.08	.083	50.47	5.98
25.40	8545.85	11194.029	99.96	.14	.096	57.38	12.90
32.00	17088.51	3139.534	99.97	.15	.054	61.26	16.78
40.30	34132.61	2383.720	99.98	.16	.082	67.17	22.69
50.80	68366.83	1511.627	99.99	.00	.104	74.65	7.48
64.00	136708.10	581.395	99.99	.00	.080	80.41	13.24
80.60	273060.85	290.697	99.99	.01	.080	86.17	19.00
101.60	553419.97	232.558	99.99	.01	.128	95.39	28.21
128.00	1093664.77	58.139	100.00	.01	.064	99.99	32.82
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		21773869.315			1.389		

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04/12/74 30.0 m

CARBON	140	mg m^{-3}
NITROGEN	15.0	mg m^{-3}
ATP	0.094	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.16×10^{-3}
FLAGELLATES	1.87×10^{-4}
DINOFLAGELLATES	2.60×10^{-2}
SILICOFLAGELLATES	4.97×10^{-5}
SUBTOTAL OF PHYTOPLANKTON	2.74×10^{-2}
MICROZOOPLANKTON	2.65×10^{-2}
FAECAL PELLETS	4.29×10^{-3}

DATE: 4/12/74 DEPTH: 40.0 M AREA: EE

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11700746.268	48.41	48.41	.048	3.02	3.02
2.52	8.35	5548507.462	71.37	71.37	.046	5.90	5.90
3.17	16.77	4082089.552	83.26	88.26	.068	10.13	10.13
4.00	33.38	1150000.000	93.02	93.02	.038	12.51	12.51
5.04	66.76	714925.373	95.98	95.98	.047	15.48	15.48
6.35	132.90	396268.656	97.62	97.62	.053	18.77	18.77
8.00	267.01	245522.388	98.64	98.64	.065	22.84	22.84
10.08	537.30	129104.477	99.17	99.17	.069	27.13	27.13
12.70	1068.23	97761.194	99.57	99.57	.104	33.62	33.62
16.00	2136.06	53731.343	99.80	99.80	.115	40.76	40.76
20.20	4298.42	26865.671	99.91	.11	.115	47.89	7.13
25.40	8545.85	11194.029	99.95	.15	.096	53.84	13.08
32.00	17088.51	2985.074	99.97	.16	.051	57.01	16.25
40.30	34132.61	3313.953	99.98	.18	.114	64.07	23.31
50.80	68366.83	1686.046	99.99	.00	.116	71.26	7.18
64.00	136708.10	1162.790	99.99	.01	.160	81.17	17.09
80.60	273060.85	639.534	99.99	.01	.176	92.07	27.99
101.60	553419.97	116.279	99.99	.01	.064	96.03	31.96
128.00	1093664.77	58.139	100.00	.01	.064	99.99	35.92
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		24166678.235			1.614		

04/12/74 40.0 m

CARBON	177	mg m^{-3}
NITROGEN	20.0	mg m^{-3}
ATP	0.0624	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.27×10^{-3}
FLAGELLATES	1.72×10^{-4}
DINOFLAGELLATES	4.61×10^{-2}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	4.85×10^{-2}
MICROZOOPLANKTON	9.42×10^{-2}
FAECAL PELLETS	6.83×10^{-3}

DATE: 4/12/74 DEPTH: 60.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11334328.358	50.38	50.38	.047	2.19	2.19
2.52	8.35	4669402.985	71.14	71.14	.039	4.00	4.00
3.17	16.77	3753731.343	87.82	87.82	.062	6.91	6.91
4.00	33.38	1195522.388	93.14	93.14	.040	8.76	8.76
5.04	66.76	709701.492	96.29	96.29	.047	10.96	10.96
6.35	132.90	400000.000	98.07	98.07	.053	13.45	13.45
8.00	267.01	197761.194	98.95	98.95	.053	15.90	15.90
10.08	537.30	114179.104	99.46	99.46	.061	18.74	18.74
12.70	1068.23	58208.955	99.72	99.72	.062	21.63	21.63
16.00	2136.06	33582.089	99.87	99.87	.072	24.96	24.96
20.20	4298.42	9011.627	99.91	.04	.038	26.72	1.76
25.40	8545.85	6104.651	99.93	.06	.052	29.13	4.16
32.00	17088.51	3023.255	99.95	.08	.052	31.54	6.57
40.30	34132.61	3662.790	99.96	.09	.126	37.37	12.41
50.80	68366.83	3720.930	99.98	.01	.256	49.23	11.85
64.00	136708.10	1569.767	99.99	.02	.216	59.24	21.86
80.60	273060.85	1104.651	99.99	.02	.304	73.32	35.94
101.60	553419.97	697.674	99.99	.03	.384	91.10	53.72
128.00	1093664.77	58.139	99.99	.03	.064	94.07	56.69
161.00	2184016.90	58.139	100.00	.00	.128	99.99	5.92
203.00	4377906.30	.000	100.00	.00	.000	99.99	5.92
TOTAL		22495429.537			2.159		

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04/12/74 60.0 m

CARBON	120	mg m^{-3}
NITROGEN	16.0	mg m^{-3}
ATP	0.0556	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.93×10^{-5}
FLAGELLATES	1.28×10^{-4}
DINOFLAGELLATES	3.68×10^{-1}
SILICOFLAGELLATES	0.0
SUBTOTAL OF PHYTOPLANKTON	3.68×10^{-1}
MICROZOOPLANKTON	8.30×10^{-3}
FAECAL PELLETS	2.64×10^{-4}

DATE: 18/12/74 DEPTH: .0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	19706716.417	46.41	46.41	.082	4.93	4.93
2.52	8.35	10151492.537	70.33	70.33	.085	10.01	10.01
3.17	16.77	6508955.223	85.66	85.66	.109	16.52	16.52
4.00	33.38	2854477.611	92.38	92.38	.095	22.24	22.24
5.04	66.76	1547014.925	96.02	96.02	.103	28.43	28.43
6.35	132.90	782835.820	97.87	97.87	.104	34.70	34.70
8.00	267.01	453731.343	98.94	98.94	.121	41.97	41.97
10.08	537.30	245522.388	99.52	99.52	.131	49.84	49.84
12.70	1068.23	105232.558	99.76	99.76	.113	56.59	56.59
16.00	2136.06	67616.279	99.92	99.92	.145	65.26	65.26
20.20	4298.42	13953.488	99.96	.03	.060	68.85	3.58
25.40	8545.85	6511.627	99.97	.04	.056	72.20	6.93
32.00	17088.51	4476.744	99.98	.05	.077	76.80	11.53
40.30	34132.61	3255.813	99.99	.06	.112	83.50	18.23
50.80	68366.83	1686.046	99.99	.00	.116	90.43	6.93
64.00	136708.10	581.395	99.99	.00	.080	95.21	11.71
80.60	273060.85	290.697	100.00	.00	.080	99.99	16.49
101.60	553419.97	.000	100.00	.00	.000	99.99	16.49
128.00	1093664.77	.000	100.00	.00	.000	99.99	16.49
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		42454350.918			1.672		

18/12/74 0 m

CARBON	197	mg m^{-3}
NITROGEN	26.0	mg m^{-3}
ATP	0.092	mg m^{-3}

	VOLUME (PPM)
DIATOMS	3.04×10^{-3}
FLAGELLATES	0.0
DINOFLAGELLATES	7.78×10^{-2}
SILICOFLAGELLATES	3.17×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	8.40×10^{-2}
MICROZOOPLANKTON	3.60×10^{-3}
FAECAL PELLETS	0.0

DATE: 18/12/74 DEPTH: 2.5 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED Z	Z IN GROUP	VOLUME	ACCUMULATED Z	Z IN GROUP
2.00	4.17	21985820.895	43.49	43.49	.092	2.45	2.45
2.52	8.35	12245522.388	67.71	67.71	.102	5.18	5.18
3.17	16.77	7826865.671	83.20	83.20	.131	8.68	8.68
4.00	33.38	3788805.970	90.69	90.69	.126	12.06	12.06
5.04	66.76	1939552.238	94.53	94.53	.129	15.52	15.52
6.35	132.90	1113432.835	96.73	96.73	.149	19.50	19.50
8.00	267.01	794029.850	98.30	98.30	.212	25.17	25.17
10.08	537.30	445522.388	99.18	99.18	.238	31.54	31.54
12.70	1068.23	179850.746	99.54	99.54	.192	36.68	36.68
16.00	2136.06	121641.791	99.78	99.78	.260	43.63	43.63
20.20	4298.42	52238.805	99.88	.10	.224	49.60	5.97
25.40	8545.85	24626.865	99.93	.15	.211	55.23	11.60
32.00	17088.51	13313.953	99.96	.17	.229	61.34	17.70
40.30	34132.61	10290.697	99.98	.19	.354	70.78	27.14
50.80	68366.83	5116.279	99.99	.01	.352	80.16	9.38
64.00	136708.10	1802.325	99.99	.01	.248	86.77	15.99
80.60	273060.85	639.534	99.99	.01	.176	91.46	20.68
101.60	553419.97	232.558	99.99	.01	.128	94.88	24.10
128.00	1093664.77	174.418	100.00	.01	.192	99.99	29.21
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		50549480.214			3.751		

18/12/74 2.5 m

CARBON	233	mg m^{-3}
NITROGEN	30.0	mg m^{-3}
ATP	0.156	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.50×10^{-2}
FLAGELLATES	2.71×10^{-4}
DINOFLAGELLATES	1.19×10^{-1}
SILICOFLAGELLATES	3.76×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	1.38×10^{-1}
MICROZOOPLANKTON	8.55×10^{-2}
FAECAL PELLETS	4.05×10^{-3}

DATE: 18/12/74 DEPTH: 5.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	12772388.059	43.67	43.67	.053	3.88	3.88
2.52	8.35	7332089.552	68.74	68.74	.061	8.36	8.36
3.17	16.77	4802985.074	85.16	85.16	.080	14.21	14.21
4.00	33.38	2044029.850	92.15	92.15	.068	19.20	19.20
5.04	66.76	1110447.761	95.95	95.95	.074	24.61	24.61
6.35	132.90	554477.611	97.85	97.85	.074	30.03	30.03
8.00	267.01	350000.000	99.04	99.04	.093	36.86	36.86
10.08	537.30	172388.059	99.63	99.63	.092	43.59	43.59
12.70	1068.23	46268.656	99.79	99.79	.049	47.20	47.20
16.00	2136.06	32089.552	99.90	99.90	.068	52.21	52.21
20.20	4298.42	12325.581	99.94	.04	.053	56.07	3.86
25.40	8545.85	5406.976	99.96	.06	.046	59.42	7.21
32.00	17088.51	3081.395	99.97	.07	.053	63.28	11.07
40.30	34132.61	3372.093	99.98	.08	.116	71.73	19.52
50.80	68366.83	2034.883	99.99	.00	.140	81.93	10.19
64.00	136708.10	639.534	99.99	.00	.088	88.34	16.60
80.60	273060.85	348.837	99.99	.01	.096	95.33	23.59
101.60	553419.97	116.279	100.00	.01	.064	99.99	28.26
128.00	1093664.77	.000	100.00	.01	.000	99.99	28.26
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		29244489.759			1.372		

18/12/74 5.0 m

CARBON	165	mg m^{-3}
NITROGEN	24.0	mg m^{-3}
ATP	0.0736	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.84×10^{-4}
FLAGELLATES	4.70×10^{-4}
DINOFLAGELLATES	1.84×10^{-1}
SILICOFLAGELLATES	4.70×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	1.90×10^{-1}
MICROZOOPLANKTON	1.38×10^{-2}
FAECAL PELLETS	0.0

DATE: 18/12/74 DEPTH: 10.0 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	14165671.641	44.40	44.40	.059	2.94	2.94
2.52	8.35	7575373.134	68.15	68.15	.063	6.09	6.09
3.17	16.77	5064925.373	84.03	84.03	.084	10.31	10.31
4.00	33.38	2326119.402	91.32	91.32	.077	14.18	14.18
5.04	66.76	1311194.029	95.43	95.43	.087	18.54	18.54
6.35	132.90	621641.791	97.38	97.38	.083	22.68	22.68
8.00	267.01	405223.880	98.65	98.65	.108	28.08	28.08
10.08	537.30	247014.925	99.43	99.43	.132	34.66	34.66
12.70	1068.23	86567.164	99.70	99.70	.092	39.27	39.27
16.00	2136.06	55970.149	99.87	99.87	.120	45.23	45.23
20.20	4298.42	17674.418	99.93	.05	.076	49.01	3.77
25.40	8545.85	6220.930	99.95	.07	.053	51.64	6.41
32.00	17088.51	4476.744	99.96	.03	.077	55.47	10.23
40.30	34132.61	4302.325	99.98	.10	.148	62.82	17.59
50.80	68366.83	4476.744	99.99	.01	.308	78.13	15.30
64.00	136708.10	988.372	99.99	.01	.136	84.89	22.06
80.60	273060.85	406.976	99.99	.01	.112	90.45	27.63
101.60	553419.97	116.279	99.99	.01	.064	93.63	30.81
128.00	1093664.77	116.279	100.00	.01	.128	99.99	37.17
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		31898480.561			2.012		

18/12/74 10.0 m

CARBON	166	mg m^{-3}
NITROGEN	25.0	mg m^{-3}
ATP	0.0736	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.62×10^{-4}
FLAGELLATES	1.31×10^{-4}
DINOFLAGELLATES	2.12×10^{-1}
SILICOFLAGELLATES	6.86×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	2.19×10^{-1}
MICROZOOPLANKTON	1.21×10^{-1}
FAECAL PELLETS	3.35×10^{-4}

DATE: 18/12/74 DEPTH: 15.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	13288059.701	43.08	43.08	.055	2.90	2.90
2.52	8.35	7637313.432	67.85	67.85	.063	6.24	6.24
3.17	16.77	5260447.761	84.91	84.91	.088	10.85	10.85
4.00	33.38	2347761.194	92.52	92.52	.078	14.96	14.96
5.04	66.76	1153731.343	96.26	96.26	.077	19.00	19.00
6.35	132.90	547014.925	98.04	98.04	.073	22.83	22.83
8.00	267.01	295522.388	99.00	99.00	.079	26.98	26.98
10.08	537.30	135074.626	99.43	99.43	.072	30.76	30.76
12.70	1068.23	75373.134	99.68	99.68	.080	34.99	34.99
16.00	2136.06	62267.441	99.88	99.88	.133	41.94	41.94
20.20	4298.42	18081.395	99.94	.05	.077	45.97	4.02
25.40	8545.85	6744.186	99.96	.08	.058	49.00	7.06
32.00	17088.51	3779.069	99.97	.09	.065	52.40	10.45
40.30	34132.61	2034.883	99.98	.09	.070	56.06	14.12
50.80	68366.83	2558.139	99.99	.00	.176	65.27	9.20
64.00	136708.10	1337.209	99.99	.01	.184	74.89	18.82
80.60	273060.85	813.953	99.99	.01	.224	86.61	30.54
101.60	553419.97	116.279	99.99	.01	.064	89.95	33.88
128.00	1093664.77	58.139	99.99	.01	.064	93.30	37.23
161.00	2184016.90	58.139	100.00	.00	.128	99.99	6.69
203.00	4377906.30	.000	100.00	.00	.000	99.99	6.69
TOTAL		30838147.343			1.912		

18/12/74 15.0 m

CARBON	220	mg m^{-3}
NITROGEN	23.0	mg m^{-3}
ATP	0.0464	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.91×10^{-3}
FLAGELLATES	2.45×10^{-4}
DINOFLAGELLATES	9.47×10^{-2}
SILICOFLAGELLATES	1.19×10^{-3}
SUBTOTAL OF PHYTOPLANKTON	1.02×10^{-1}
MICROZOOPLANKTON	1.32×10^{-2}
FAECAL PELLETS	1.25×10^{-3}

DATE: 18/12/74 DEPTH: 20.0 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	11129104.477	41.88	41.88	.046	2.34	2.34
2.52	8.35	6714179.104	67.15	67.15	.056	5.17	5.17
3.17	16.77	4575373.134	84.37	84.37	.076	9.02	9.02
4.00	33.38	1850000.000	91.33	91.33	.061	12.13	12.13
5.04	66.76	1023134.328	95.18	95.18	.068	15.58	15.58
6.35	132.90	548507.462	97.25	97.25	.073	19.27	19.27
8.00	267.01	329104.477	98.49	98.49	.088	23.71	23.71
10.08	537.30	156716.417	99.08	99.08	.084	27.93	27.93
12.70	1068.23	96268.656	99.44	99.44	.103	33.12	33.12
16.00	2136.06	77611.940	99.73	99.73	.166	41.49	41.49
20.20	4298.42	42537.313	99.89	.16	.182	50.67	9.17
25.40	8545.85	17164.179	99.96	.22	.147	58.07	16.57
32.00	17088.51	5223.880	99.98	.24	.089	62.58	21.08
40.30	34132.61	2558.139	99.99	.25	.088	67.00	25.50
50.80	68366.83	697.674	99.99	.00	.048	69.42	2.41
64.00	136708.10	813.953	99.99	.00	.112	75.05	8.04
80.60	273060.85	290.697	99.99	.00	.080	79.07	12.07
101.60	553419.97	406.976	99.99	.00	.224	90.34	23.33
128.00	1093664.77	174.418	100.00	.00	.192	99.99	32.99
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		26569867.232			1.988		

18/12/74 20.0 m

CARBON	130	mg m^{-3}
NITROGEN	19.0	mg m^{-3}
ATP	0.165	mg m^{-3}

	VOLUME (PPM)
DIATOMS	5.25×10^{-4}
FLAGELLATES	5.44×10^{-4}
DINOFLAGELLATES	2.34×10^{-2}
SILICOFLAGELLATES	1.51×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	2.46×10^{-2}
MICROZOOPLANKTON	4.46×10^{-2}
FAECAL PELLETS	1.06×10^{-3}

DATE: 18/12/74 DEPTH: 30.0 M AREA: BB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10772388.059	44.45	44.45	.045	1.59	1.59
2.52	8.35	4994029.850	65.06	65.06	.041	3.07	3.07
3.17	16.77	4266417.910	82.66	82.66	.071	5.60	5.60
4.00	33.38	1672388.059	89.57	89.57	.056	7.59	7.59
5.04	66.76	967910.447	93.56	93.56	.064	9.89	9.89
6.35	132.90	578358.208	95.95	95.95	.077	12.63	12.63
8.00	267.01	371641.791	97.48	97.48	.099	16.16	16.16
10.08	537.30	207462.686	98.34	98.34	.111	20.10	20.10
12.70	1068.23	155223.880	98.98	98.98	.166	26.00	26.00
16.00	2136.06	140298.507	99.56	99.56	.300	36.66	36.66
20.20	4298.42	71641.791	99.85	.29	.307	47.55	10.88
25.40	8545.85	22388.059	99.94	.38	.192	54.35	17.69
32.00	17088.51	5223.880	99.97	.40	.089	57.53	20.86
40.30	34132.61	2985.074	99.98	.42	.102	61.15	24.49
50.80	68366.83	1744.186	99.98	.00	.120	65.41	4.25
64.00	136708.10	1046.511	99.99	.01	.144	70.51	9.35
80.60	273060.85	813.953	99.99	.01	.224	78.45	17.29
101.60	553419.97	406.976	99.99	.01	.224	86.39	25.23
128.00	1093664.77	.000	99.99	.01	.000	86.39	25.23
161.00	2184016.90	174.418	100.00	.00	.384	99.99	13.60
203.00	4377906.30	.000	100.00	.00	.000	99.99	13.60
TOTAL		24232544.254			2.821		

18/12/74 30.0 m

CARBON	125	mg m^{-3}
NITROGEN	17.0	mg m^{-3}
ATP	0.127	mg m^{-3}

	VOLUME (PPM)
DIATOMS	2.80×10^{-3}
FLAGELLATES	4.93×10^{-4}
DINOFLAGELLATES	7.44×10^{-3}
SILICOFLAGELLATES	6.82×10^{-5}
SUBTOTAL OF PHYTOPLANKTON	1.08×10^{-2}
MICROZOOPLANKTON	6.09×10^{-2}
FAECAL PELLETS	3.99×10^{-3}

DATE: 18/12/74 DEPTH: 40.0 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	10465671.641	45.67	45.67	.043	1.64	1.64
2.52	8.35	5479104.477	69.58	69.58	.045	3.36	3.36
3.17	16.77	3009701.492	82.71	82.71	.050	5.25	5.25
4.00	33.38	1470895.522	89.13	89.13	.049	7.10	7.10
5.04	66.76	911194.029	93.11	93.11	.061	9.39	9.39
6.35	132.90	586567.164	95.67	95.67	.078	12.34	12.34
8.00	267.01	342537.313	97.17	97.17	.091	15.78	15.78
10.08	537.30	228358.208	98.16	98.16	.122	20.38	20.38
12.70	1068.23	185074.626	98.97	98.97	.198	27.83	27.83
16.00	2136.06	132089.552	99.55	99.55	.283	38.46	38.46
20.20	4298.42	64925.373	99.83	.28	.278	48.91	10.45
25.40	8545.85	23134.328	99.93	.38	.198	56.36	17.89
32.00	17088.51	5970.149	99.96	.41	.102	60.20	21.74
40.30	34132.61	3372.093	99.97	.42	.116	64.56	26.09
50.80	68366.83	2790.697	99.98	.01	.192	71.76	7.20
64.00	136708.10	1279.069	99.99	.01	.176	78.37	13.81
80.60	273060.85	930.232	99.99	.02	.256	87.98	23.42
101.60	553419.97	348.837	99.99	.02	.192	95.19	30.63
128.00	1093664.77	116.279	100.00	.02	.128	99.99	35.43
161.00	2184016.90	.000	100.00	.00	.000	99.99	.00
203.00	4377906.30	.000	100.00	.00	.000	99.99	.00
TOTAL		22914061.088			2.663		

18/12/74 40.0 m

CARBON	215	mg m^{-3}
NITROGEN	19.0	mg m^{-3}
ATP	0.030	mg m^{-3}

	VOLUME (PPM)
DIATOMS	1.89×10^{-4}
FLAGELLATES	3.95×10^{-4}
DINOFLAGELLATES	3.03×10^{-2}
SILICOFLAGELLATES	1.59×10^{-4}
SUBTOTAL OF PHYTOPLANKTON	3.26×10^{-2}
MICROZOOPLANKTON	1.81×10^{-2}
FAECAL PELLETS	5.95×10^{-3}

DATE: 18/12/74 DEPTH: 60.0 M AREA: EB

SIZE	PARTICLE VOLUME	NUMBER per l	ACCUMULATED %	% IN GROUP	VOLUME	ACCUMULATED %	% IN GROUP
2.00	4.17	13408955.223	53.51	53.51	.056	2.36	2.36
2.52	8.35	5511940.298	75.51	75.51	.046	4.30	4.30
3.17	16.77	3128358.208	87.99	87.99	.052	6.50	6.50
4.00	33.38	1374626.865	93.48	93.48	.046	8.44	8.44
5.04	66.76	745522.388	96.45	96.45	.049	10.54	10.54
6.35	132.90	421641.791	98.13	98.13	.056	12.92	12.92
8.00	267.01	208955.223	98.97	98.97	.056	15.28	15.28
10.08	537.30	113432.835	99.42	99.42	.060	17.84	17.84
12.70	1068.23	70149.253	99.70	99.70	.075	21.00	21.00
16.00	2136.06	46268.656	99.89	99.89	.099	25.18	25.18
20.20	4298.42	9476.744	99.92	.03	.040	26.86	1.68
25.40	8545.85	5058.139	99.94	.05	.043	28.67	3.49
32.00	17088.51	3720.930	99.96	.07	.064	31.37	6.18
40.30	34132.61	3779.069	99.97	.08	.130	36.84	11.66
50.80	68366.83	2034.883	99.98	.00	.140	42.74	5.89
64.00	136708.10	1046.511	99.99	.01	.144	48.80	11.95
80.60	273060.85	1395.348	99.99	.01	.384	64.97	28.12
101.60	553419.97	813.953	99.99	.02	.448	83.83	46.98
128.00	1093664.77	116.279	99.99	.02	.128	89.22	52.37
161.00	2184016.90	116.279	100.00	.00	.256	99.99	10.77
203.00	4377906.30	.000	100.00	.00	.000	99.99	10.77
TOTAL		25057408.884			2.375		

18/12/74 60.0 m

CARBON	171	mg m^{-3}
NITROGEN	20.0	mg m^{-3}
ATP	0.058	mg m^{-3}

	VOLUME (PPM)
DIATOMS	4.51×10^{-5}
FLAGELLATES	1.55×10^{-4}
DINOFLAGELLATES	4.57×10^{-1}
SILICOFLAGELLATES	2.63×10^{-6}
SUBTOTAL OF PHYTOPLANKTON	4.57×10^{-1}
MICROZOOPLANKTON	2.00×10^{-4}
FAECAL PELLETS	0.0